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**THE CHIEF**—High Recommendation, All-America Rose Selections for 1941. (Plant Patent No. 456.) The universal acclaim given this grand rose is easily understood when one learns that it is a cross between President Hoover and Charles P. Kilham. Buds of rose-flame, which change in the open flower to coral and copper. \$1.00 each, 3 or more 85c each.

**SIERRA GLOW**—(Patent rights reserved.) Rose hybridizers have been justly accused of leaving the soul out of modern roses—the rich tea fragrance. In Sierra Glow, is combined this delicious perfume with an unusual tan tone, a novel sun-bathed pink. \$1.50 each, 3 or more \$1.25 each.

**HEART'S DESIRE**—The All-America Rose Winner for 1942—the decision of 19 of the world's leading rosarians. (Patent applied for.) Possesses an exceptionally long and well developed bud of brilliant red. Perfectly hardy and a splendid all-around outdoor variety. \$1.50 each, 3 or more \$1.25 each.



**THE CHIEF**  
(See description above.)

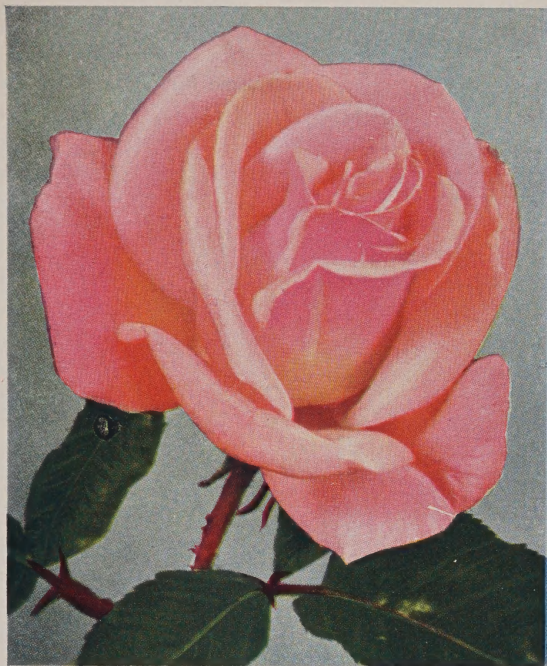


**SIERRA GLOW** (Patent rights reserved.)

**F. LAGOMARSINO & SONS**  
721 J. STREET - SACRAMENTO, CALIFORNIA







CLIMBING MRS. SAM McGREY  
(Plant Patent No. 394)

\$1.00 each, 3 or more 85c each.

## TOP RANK MODERN ROSES



CLIMBING HINRICH GAEDE  
(Plant Patent No. 244)

\$1.25 each, 3 or more \$1.05 each.



ANGELS MATEU  
(Plant Patent No. 174, Conard-Pyle Co.)

\$1.00 each, 3 or more 85c each.



CHARLOTTE ARMSTRONG  
(Plant Patent No. 455)

\$1.50 each, 3 or more \$1.25 each.



MME. HENRI GUILLOT  
(Plant Patent No. 337, Conard-Pyle Co.)

\$1.25 each, 3 or more \$1.05 each.



# THE ARISTOCRATS IN ROSES

**Our Careful Selection for your Garden of Roses of Only the Highest Recognized Ratings.**

Hundreds of roses make their entry each year. We make careful recordings of the rose trials in this state each year, and confer with the foremost rosarians on the newer introductions. This enables us to offer you a listing of not only the **proven new varieties of particular merit**, but the highest ranking varieties as well in each color classification. For these reasons we offer you the following varieties unreservedly, knowing their exceptional merit.

## CLASSES OF ROSES

**HT—HYBRID TEA.** The most popular and extensive class to which belong practically the majority of all rose varieties now planted. Ever noteworthy for their succession of bloom, and large vividly colored flowers.

**HP—HYBRID PERPETUAL.** A class of extremely hardy and very vigorous varieties suitable for cold climates. Some of the varieties in this class are old, old favorite, however, and we are listing the leading varieties due to the recently renewed interest in "the good old roses."

**POLYANTHA ROSES.** Varieties in this class are dwarf and bushy, often less than 2 feet high, and have small flowers in clusters. Much stress is now being placed on using these varieties for outdoor pot plant and bedding purposes for which they are admirably suited.

**FLORIBUNDA ROSES.** A new type resulting from crossing Dwarf Polyanthus with Hybrid Tea roses. Taller than the former, with blooms in clusters larger than polyantha blossoms. Grand for bedding or pot use.

### *The Two Most Outstanding and Highly Commended 1942 Roses* **HEART'S DESIRE**

In this new gold medal variety your heart's desire for a red rose bordering on perfection will be attained. Long unfurling petals, deep red heart, and exquisite fragrance, make this a rose of compelling attraction. **\$1.50 each, 3 or more, \$1.25 each.**

#### **SIERRA GLOW — The Rose With a Soul!**

(HT) (Armstrong introduction for 1942.) (Patent rights reserved.) (For illustration see front cover.)

Fascinating blooms of an unusual tan tone color new in roses—a novel kind of rich sun-bathed pink like the summer afterglow in our High Sierras. Combined with this color is infused a rich tea fragrance, like a delicious perfume reminiscent of old-fashioned rose gardens. Truly a modern glorious rose with a soul! **\$1.50 each, 3 or more, \$1.25 each.**

**ANGELS MATEU—(HT)** (Plant Patent No. 174.) (For illustration see page 2.) A distinctive new color in roses—a deep old rose, flushed with orange. A fine cut flower with the fragrance of ripe blackberries. Very prolific bloomer. **\$1.00 each, 3 or more, 85c.**

**CHARLOTTE ARMSTRONG—(HT)** (Plant Patent No. 455.) (Highest awarded rose in 1941 All-America Rose Trials.) (For illustration see page 2.) The champion performer which has been winning rose show awards all over the country this year. Extremely long, slender, blood-red buds and brilliantly colored open flowers of spectrum red. Buds ideal for cutting as they open very slowly. **\$1.50 each, 3 or more, \$1.25.**

**MME. HENRI GUILLOT—(HT)** (Plant Patent No. 337.) (For illustration see page 2.) The watermelon-pink, camellia-like blooms of this velvety-textured French rose are exceedingly lovely. Luxuriant glossy foliage which clothes the spreading plants right down to the ground. **\$1.25 each, 3 or more, \$1.05.**

**R. M. S. QUEEN MARY—(HT)** (Plant Patent No. 249.) Exquisitely perfect buds of rich glowing salmon-pink, opening into double flowers of the same color, with orange at the base of each petal. Flowers come singly on long strong stems. **\$1.25 each, 3 or more, \$1.05.**

**TEXAS CENTENNIAL—(HT)** (Plant Patent No. 162.) Pres. Hoover is one of the most esteemed of all roses. This sport of Hoover is similar to it except in color, being a bright glowing carmine-red. Has the same tall vigorous growth, heavy strong stems, and large full buds and blooms. **75c each, 3 or more, 65c.**

**THE CHIEF—(HT)** (Plant Patent No. 456.) (Highly recommended rose in 1941 All-America Rose Trials.) (For illustration see front cover.) A rose with outstanding characteristics. Produces on long, straight stems long buds of rose-flame which change in the open flower to coral and copper. Heavy foliage, almost immune to mildew makes it a pleasure to grow this variety under all possible conditions. **\$1.00 each, 3 or more, 85c.**

## NEW CLIMBERS OF FAME

**CL. FLASH—(Plant Patent No. 393.)** The All-America climbing rose selection for 1940. A new hardy climber with a "super-flashy" color—vivid orange-scarlet with the backs of the petals gleaming yellow. The center of the flower is also yellow and filled with golden anthers. A most dazzling rose in its blooming period. **\$1.00 each, 3 or more, 85c.**

**CL. HINRICH GAEDE—(Plant Patent No. 244.)** (For illustration see page 2.) The extraordinary brilliant orange-vermilion coloring so famous in the bush form, as to even outrank Talisman, is now found in a climber. Truly, what a climber! Does not stop with the spring blooming period, but blooms in summer and fall as well. **\$1.25 each, 3 or more, \$1.05.**

**CL. INDIAN SUMMER—(Patent rights reserved.)** (A new climbing Autumn.) A counterpart of the famous bush rose Autumn in its rich color toning. Wonderful shades of copper, old rose, strawberry pink, burnished old gold, etc., are manifest in this rose in the progressive developing stages of the blooms. Leather like foliage clean of mildew. **\$1.50 each, 3 or more, \$1.25.**

**CL. MRS. SAM MCGREDY—(Plant Patent No. 394.)** (For illustration see page 2.) Two outstanding features have made the bush form of this variety a leader among the great. First, the perfect formed buds and blooms of coppery orange, and second, the bronzy green foliage, the most luxuriant and handsome in the rose world. Now we are happy to say we have the climber of this variety to lavishly spread over fences, trellises, etc. **\$1.00 each, 3 or more, 85c.**

### *Rose Lovers! Attention!*

#### **A SENSATIONAL ROSE SCOOP**

These widely acclaimed roses now offered at popular prices for the first time since their introduction.

All 60c each; any three for \$1.50, postpaid.

**CHRISTOPHER STONE—**One of the very finest red roses of recent years. Glowing crimson-scarlet color, with deeper dusky shadings as the flower ages. Never fades, and will outbloom most red roses two-to-one because of its vigor.

**MME. JOSEPH PERRAUD—"The Perfect Rose".** Really enormous sized buds, perfectly formed, of nasturtium-buff, lightening to a luminous pink at the edges of the petals, and with a glowing orange heart. All other characteristics on a par with these perfect buds.

**PICTURE—**Rated as one of the finest pinks. Color not just a cold pink, true of so many varieties, but has warm undertones of salmon which make the color cheerful and glowing. Flowers have a profuse sweet tea fragrance. Blooms very long lasting.

**CL. DAILY MAIL SCENTED—**(Not to be confused with bush variety, Daily Mail.) Magnificent very deep rich crimson red blooms, with a velvety sheen—one of the darkest red roses available in a climber. Very fragrant and holds its color well. Last year the demand far exceeded the supply of this very valuable rose.



# STANDARD VARIETIES OF BUSH ROSES

A specially selected list of universal favorites. Two-year-old, Field Grown, 60c each, 3 for \$1.50, postpaid.

## RED

### DARK RED

**AMI QUINARD**—(HT) Buds are very dark, opening to a fragrant flower of velvety maroon with soft black lustre.

**NIGHT**—(HT) One of the darkest of all roses, deep crimson shaded black and maroon. Buds and flowers well shaped with spicy clove and cinnamon fragrance.

### CRIMSON RED

**CYNTHIA**—(HT) Long pointed buds opening to a beautiful flower of rich oriental red. A prolific bloomer.

**E. G. HILL**—(HT) An old-fashioned but still popular large deep red rose. Very double and most fragrant.

**ETOILE DE HOLLANDE**—(HT) A very satisfactory dark velvety red rose that does not blue. Very fragrant.

**GEN. JACQUEMINOT**—(HP) An excellent rose for your old-fashioned variety collection. A large, fragrant brilliant red.

**HADLEY**—(HT) A favorite red rose of long standing, rich dark red, with full blooms and fine fragrance.

**HOOSIER BEAUTY**—(HT) Acknowledged to be one of the best and most profuse blooming velvety red roses.

**J. C. THORNTON**—(HT) A rich glowing crimson. A stronger grower than Hoosier Beauty.

**LORD CHARLEMONT**—(HT) Large, well formed, deep crimson flowers on strong stems. Admirably suited to our valley climates.

**PAPA GONTIER**—(HT) An old-time favorite of light crimson, offered for those gardeners interested in old-fashioned varieties.

**RED RADIANCE**—(HT) A rich cerise-red. No rose will excel it in fragrance, growth, or quantity of blooms.

### SCARLET RED

**GENERAL McARTHUR**—(HT) Another old, old favorite. Bright scarlet, full flowers, and sweet fragrance.

**McGREDY'S SCARLET**—(HT) Beautifully formed blooms of brilliant scarlet shaded with rose-pink.

**SOUTHPORT**—(HT) Sensational unfading scarlet. A blazing eye-appealing color.

**VICTORIA HARRINGTON**—(HT) Velvety dark red, with a unique brick-red undertone. Petals beautifully reflexed.

### BI-COLOR RED

**AMERICAN BEAUTY**—(HP) One of the best known of all roses. An extremely fragrant deep pink shaded carmine.

**BRAZIER**—(HT) The fiery glow of live embers suggested the name of this rose. Pointed buds of burnt orange open into a double bloom with petals of bright scarlet on the inside. This reverse petal color combination effects a dazzling fiery glow.

**CHAS. P. KILHAM**—(HT) A fine formed long pointed bud of rich oriental red shaded with orange and gold. Opens into same fadeless colors.

**CUBA**—(HT) Semi-double. One of the most dazzling of all roses—a brilliant orange-scarlet.

**I. ZINGARI**—(HT) A semi-double rose, but the wonderful buds more than justify it. A blazing orange-scarlet.

**HORTULANUS BUDDIE**—(HT) Luminous red with touch of yellow at the base. An excellent bedding rose.

**LUCIA ZULOAGA**—(HT) One of our best sellers. A deep coppery, brownish scarlet, undertoned with golden bronze.

**MARGARET McGREDY**—(HT) Full blooms of orange-scarlet, profuse, vigorous, bushy

**MME. NICOLAS AUSSEL**—(HT) Very excellent rose deserving more attention. Long copper colored bud, opening to a salmon pink shaded gold at base.

**MME. EDW. HERRIOTT**—(HT) Coral red with bright gold base. Semi-double, and very profuse in blooming habit.

**PADRE**—(HT) Very showy rose of rich copper-scarlet, shaded yellow at base. Cut while the buds are tight.

## PINK

### DEEP PINK

**DIRECTOR RUBIO**—(HT) A large pointed bud opening to a very large flower of deep strong pink on stiff stems.

**IMPERIAL POTENTATE**—(HT) Deep shining rose-pink, very double with firm petals and a pleasing fragrance.

**LA FRANCE**—(HT) The oldest hybrid-tea rose. Intensely fragrant; bright pink.

**MRS. CHARLES RUSSELL**—(HT) Well formed buds and flowers of deep carmine-pink strongly veined.

**ROSENELFE**—(Floribunda Rose) Very double, high centered, gardenia-like blooms, 2½ inches across. Long pointed buds of deep rose-pink. Bushes 20 to 24 inches tall.

**SUSAN LOUISE**—(HT) A lovely pink rose developed as a seedling from Belle of Portugal. However, it is a bush rose and much deeper pink than its parent.

### MEDIUM PINK

**DAME EDITH HELEN**—(HT) A large very double and very fragrant glowing pink rose on long strong stems.

**ETHEL SOMERSET**—(HT) Clear rose-pink. Long pointed buds every one of which will open into a perfect flower.

**J. OTTO THILOW**—(HT) No better pink rose available. Perfectly formed buds and flowers of a glowing rose-pink.

**MISS ROWENA THOM**—(HT) A very large double flower of shining rose-pink shaded gold toward base.

**RADIANCE**—(HT) Flowers a lovely light silvery pink, suffused deeper pink, carrying a delicious damask perfume.

**ROSE MARIE**—(HT) Very free blooming bright pink. Long buds fine for cutting.

**SOUV. MME. C. CHAMBAUD**—(HT) Lovely formed buds and flowers of coral pink with bright satiny sheen, and choice fragrance.

### LIGHT PINK

**MME. BUTTERFLY**—(HT) Large, double, soft pink, with suffusion of apricot.

### BI-COLOR PINK

**BETTY UPRICHARD**—(HT) Lovely fragrant two-toned rose. Salmon pink with reverse side a lighter shade, blended with a slight coppery sheen.

**EDITH NELLIE PERKINS**—(HT) A cerise-orange outside of petals and a salmon-pink and buff on inside.

**FEDERICO CASAS**—(HT) The flashy colors of old Spain. Red and orange buds open to a semi-double flower of coppery orange and yellow, shaded and splashed with red.

**GRUSS AN COBURG**—(HT) Delicate apricot-yellow heavily shaded with copper-pink. Vigorous and extremely fragrant.

**LOS ANGELES**—(HT) An ever popular rose. A luminous flame-pink, toned coral, with gold at base.

**LULU**—(HT) An exquisitely formed and dainty little semi-double rose. Always loaded with long slender buds of coral apricot.

**MARI DOT**—(HT) A sort of reddish salmon bud opening slowly to a uniform bright salmon pink with a satiny sheen. More popular each season.

**OPHELIA**—(HT) Perfectly shaped bud and flower of delicate pink, suffused with salmon and apricot.

**RAPTURE**—(HT) An improved Ophelia. Long pointed buds, and fine open flowers of coral, apricot, and gold.

**REV. F. PAGE ROBERTS**—(HT) Inside of petals a soft buff yellow, the outside a rich salmon veined with coppery red.

**SHOT SILK**—(HT) Exquisite combination of salmon-rose, orange-yellow, and pink.

## ORANGE

### DEEP ORANGE

**DUCHESS OF ATHOL**—(HT) Clean glossy foliage, and a large fragrant flower of golden orange-bronze.

**HINRICH GAEDE**—(HT) A glorious rose, outranking Talisman in popularity. Striking vermilion buds open to breath-taking coppery orange.

**LADY FORTEVIOT**—(HT) Among the ten best sellers. Pure orange with a dainty carmine-red flush.

**SENORA GARI**—(HT) Probably the best true orange rose. Long pointed buds of deep burnt orange opening to a large double rose of same color.

### BICOLOR ORANGE

**ANGELE PERNET**—(HT) A combined orange-bronze and apricot. Don't prune heavily.

**CONQUEROR**—(HT) A rich orange-yellow bud, gradually revealing as it opens, a most brilliant fiery flame color.

**DIANE DE BROGLIE**—(HT) An outstanding rose that should be much better known. A pointed bud opening to a double flower of rich apricot-orange.

**DUQUESA DE PENARANDA**—(HT) One of the finest roses available today. Coppery orange shaded with dark pink.

**LADY MARGARET STEWART**—(HT) Gorgeous bud of orange-yellow, heavily variegated with scarlet.

**MRS. SAM McGREDY**—(HT) Rosarians claim, "A rose which should find its way in every garden." Long pointed buds opening to a large double fragrant flower of coppery orange, flushed with red on outside of petals.

## YELLOW

### DEEP YELLOW

**GOLDEN EMBLEM**—(HT) Golden yellow with tinge of red on edges.

**GOLDEN DAWN**—(HT) Very double, sweetly scented rich sunflower yellow opening to lemon yellow.



**GOLDEN GLEAM**—(HT) Insofar as not being subject to die-back, this rose is even better than golden Emblem. Very similar flower, but richer color, more crimson on the buds, brighter green foliage and more symmetrical growth.

**JULIEN POTIN**—(HT) An improved Golden Pernet. A very excellent yellow rose.

**MAX KRAUSE**—(HT) Buds of reddish-orange opening to a large double flower of golden yellow. Do not prune heavily.

**MRS. E. P. THOM**—(HT) Profuse, strong bushy plants with double pure yellow blooms.

**MRS. PIERRE S. DUPONT**—(HT) Reddish yellow bud, opening to a semi-double fragrant flower of golden yellow.

**SISTER THERESE**—(HT) Chrome-yellow buds tinged with carmine open into large fragrant blooms of the same color.

**VILLE DE PARIS**—(HT) A clear sunflower yellow that does not fade. Fine for our interior valleys.

#### MEDIUM YELLOW

**FEU JOSEPH LOOYMANS**—(HT) Best of its color. Long pointed buds of buff yellow opening to orange apricot.

**GOLDEN RAPTURE**—(HT) A pure canary yellow. Perfect form in bud and flower.

**JOANNA HILL**—(HT) Creamy yellow suffused with soft orange. Becoming a great favorite.

**SOUV. CLAUDIUS PERNET**—(HT) Excellent long buds and full blooms of rich lemon yellow.

**SOUV. DE MME. BOULETT**—(HT) An improved Lady Hillingdon. Of richer apricot yellow color and stronger stems than the former variety.

#### MULTI-COLOR

**AUTUMN**—(HT) Deep burnt orange, streaked and blended with red.

**CONDESA DE SASTAGO**—(HT) A Spanish novelty with the vivid color of Austrian Copper on the inside of the petals and a golden bronze on the outer side.

**HEINRICH WENDLAND**—(HT) Deep copper-maroon bud opening into a fiery double bloom of scarlet, yellow, and bronze that does not fade.

**LI BURES**—(HT) Drew wide attention last year. A red bud opening to bright shades of pink, orange, and yellow.

**MRS. G. A. VAN ROSSEM**—(HT) An intense flame orange on a yellow ground, the petals veined with bronze and red, as a leaf is veined.

**PRES. HOOVER**—(HT) A sensational garden rose. Long buds of orange and scarlet opening to a large flower of orange and pink.

**PRES. PLUMECOCQ**—(HT) A large double fragrant rose of soft coppery-buff.

**TALISMAN**—(HT) The consistently most popular of all roses. Color in both bud and flower an ever-varying mixture of red, golden yellow, and orange-copper.

#### WHITE

**FRAU KARL DRUSCHKI**—(HP) Pure white, large full blooms, and extremely vigorous.

**K. A. VICTORIA**—(HT) A popular white rose with pale lemon center. Long buds.

**MCGREDY'S IVORY**—(HT) A fine white rose. Long pointed buds opening to a perfectly formed flower with a delicate creamy center.

**MRS. HERBERT STEVENS**—(HT) Adjudged by all authorities as the best pure white rose for all sections. Exceptional in quality.

#### SINGLE ROSES

**AUSTRIAN COPPER**—(HP) Develops a profusion of small, single, brilliant copper blooms.

**DAINTY BESS**—(HT) Crinkled petals of apple-blossom pink with contrasting stamens of dark mahogany.

**IRISH ELEGANCE**—(HT) A bronze orange bud opening to a five-petal single rose of shell-pink shaded orange.

**ISOBEL**—(HT) An enormous single rose. Orange carmine bud opening to the same blended shades.

**VEUVIUS**—(HT) A most remarkable single rose. Dark velvety red centered with golden yellow stamens.

#### POLYANTHA OR BABY ROSES

**ELSE POULSEN**—Great clusters of apple-blossom pink flowers. Delightful for pot use, or bedding; 24-30 inches tall.

**GLORIA MUNDI**—Bright orange-scarlet rosettes. Compact grower.

**IMPROVED LAFAYETTE**—Clusters of deep glowing crimson flowers.

**MME. CECIL BRUNNER**—The ever popular baby rose, beautifully formed in bud and flower. Light pink shaded salmon at base.

**ORANGE TRIUMPH**—Coppery scarlet. Doesn't mildew.

#### MOSS ROSES

**PINK MOSS**—The old-fashioned pink moss rose.

**RED MOSS**—The old-fashioned red moss rose.

**WHITE MOSS**—The old-fashioned white moss rose.

#### CLIMBING ROSES

60c each, 3 for \$1.50, postpaid.

##### RED

**CL. AMERICAN BEAUTY**—Blossom same as bush type, but the climber does better in California than the bush.

**CL. ETOILE DE HOLLANDE**—Crimson; a continual bloomer.

**CL. HADLEY**—Perfect dark crimson—excellent climber.

**CL. HOOSIER BEAUTY**—Same velvety red fragrant flowers as the bush.

**CL. IMPROVED PAUL'S SCARLET**—Flaming scarlet. Blooms in blazing clusters.

**CL. RED RADIANCE**—Large cup-shaped blooms of bright crimson.

##### PINK

**CL. BELLE OF PORTUGAL**—Great long salmon pink buds opening to an enormous flower of a little lighter shade.

**CL. LOS ANGELES**—Strong, free blooming climber with flowers of coral-pink and gold.

**CL. MME. BUTTERFLY**—Perfect bloom of apricot-pink, shaded gold.

**CL. MME. CECIL BRUNNER**—A rampant climber, otherwise same as bush. Very extensively used.

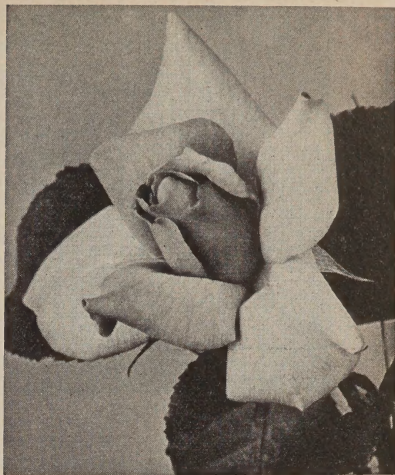
**CL. SOUV. MME. C. CHAMBARD**—This exquisite pink rose now comes in a very vigorous free blooming climber. Color, satiny silver pink.

##### YELLOW

**CL. GOLDEN EMBLEM**—Very strong golden yellow climber.

**CL. MARECHAL NIEL**—An old-time lemon yellow, highly perfumed tea rose.

**CL. MERMAID**—A truly exquisite climber. Large single flowers of pale sulphur yellow, shading deeper at base, with prominent amber gold stamens.



Chas. P. Kilham

**CL. MRS. E. P. THOM**—Deep canary yellow flowers of moderate size.

**CL. SOUV. DE MME. BOULETT**—An improved Lady Hillingdon—a rich apricot yellow.

**CL. SUNBURST**—One of the best yellow climbers. Buds and blossoms of cadmium yellow.

**CL. YELLOW CECILE BRUNNER**—Small double golden yellow, orange center.

#### MULTI-COLOR

**CL. CHAS. P. KILHAM**—Rich oriental red shaded with orange and gold.

**CL. DUCHESS OF ATHOL**—Large flower of golden orange-bronze.

**CL. LADY FORTEVIOT**—The same buds and flowers of golden yellow flushed with apricot that makes the bush type so popular.

**CL. MME. EDWARD HERRIOTT**—Free blooming and flowers larger and deeper colored than on the bush.

**CL. OPHELIA**—Perfectly shaped bud and flower of delicate pink, salmon, and apricot.

**CL. TALISMAN**—Just as popular and outstanding as the bush variety. Coppery orange, yellow, and red.

**CL. PRES. HOOVER**—Orange, pink, and yellow; bud flushed crimson.

**CL. REVEL DIJONNAIS**—Blooms in clusters of three. Golden yellow bud striped with red, opening to large flower of bright red with golden yellow center.

**CL. SHOT SILK**—Salmon rose, orange yellow, and pink.

#### WHITE

**CL. FRAU KARL DRUSCHKI**—A favorite white climber.

**CL. K. A. VICTORIA**—A strong climber; same ivory white flower as the bush.

**CL. MRS. HERBERT STEVENS**—This beautiful white tea rose now comes as a climber.

**CL. SILVER MOON**—Single saucer-shaped blooms of pure white with yellow stamens.

#### THE CHEROKEE CLIMBERS

Great masses of dainty single flowers in the spring.

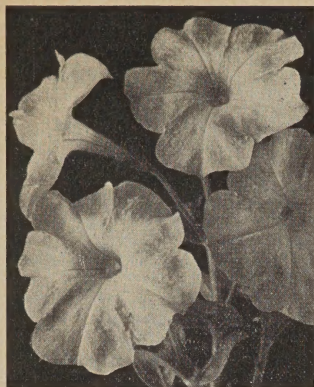
**CHEROKEE PINK**—Shining pink.

**CHEROKEE RED**—Glowing red.

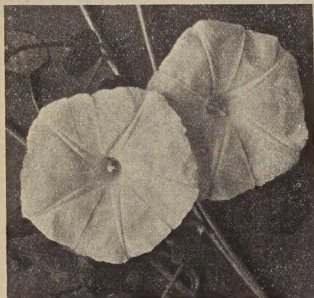
**CHEROKEE WHITE**—Wax-like white.



## VARIETIES OF OUTSTANDING VALUE



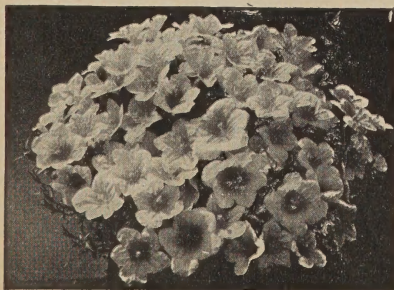
*Petunia, First Lady*



*Morning Glory, Pearly Gates*

**PETUNIA, Celestial Rose Improved**—The most popular deep rose bedding petunia because of its bright color and uniformly dwarf habit. This selection improved the former type in being deeper in color, larger flowered and of dwarfer habit. **Pkt. 10c, 3 pkts. for 25c.**

**GIANT AFRICAN MARIGOLD, Orange Sunset**—The Sunset Giant Marigolds are in all ways the preferred class. This is a rich lively orange segregant from the famous Sunset Giants. Unusual flower size. **Pkt. 15c, 3 pkts. for 40c.**



*Nierembergia, Purple Robe*

**MORNING GLORY (Ipomoea) Pearly Gates**—Silver Medal Winner, All-America Trials for 1942. Enormous flowers, 4½ inches across, of clear shining white. A sport from and seemingly identical in growth, foliage, and bloom size, with morning glory Heavenly Blue. Plant with this former variety and Cornell (red) for a red, white and blue combination. **Pkt. 25c, 3 pkts. for 65c.**

**CLEOME, Giant Pink Queen**—Silver Medal, All-America Trials for 1942. This beautiful Spider Plant develops huge trusses of bright salmon-pink blooms. Vigorous bushy plants, 3 ft. in height, blooming all summer and fall. Easily grown anywhere. **Pkt. 25c, 3 pkts. for 65c.**

**BLUE CUP FLOWER (Nierembergia) Purple Robe**—Bronze Medal, All-America Trials for 1942. Similar to the delightful Nierembergia Hippomanica or Blue Cup Flower, except a deep violet-blue in color. Prefers full sun, sandy loam, and is exquisite for edging or perennial border use. Very dwarf, cushion-like plant, in bloom all summer and fall. **Pkt. 25c, 3 pkts. for 65c.**

**CUPID ZINNIA, Tiny Tim (Improved Red Riding Hood)**—A most delightful small zinnia, 12 inches in height, with small button-like flowers of gay scarlet. An edging gem and a fine cut flower. **Pkt. 10c, 3 pkts. for 25c.**



*Marigold, Dwarf French Double, Butterball*

**AGERATUM, Midget Blue**—A new ageratum unexcelled for edging, and of much better plant habit than the formerly popular Blue Ball. Four to five inches high, entirely covered with miniature blue blossoms and of nicely rounded habit. Comes entirely uniform from seed. **Pkt. 25c, 3 pkts. for 65c.**

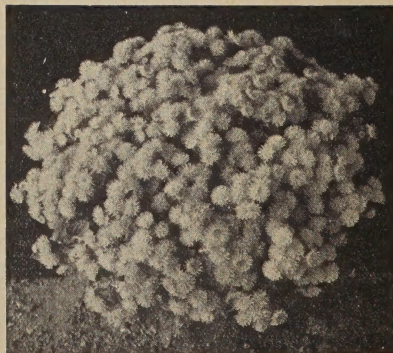
**CYNOGLOSSUM (Chinese Forget-Me-Not), Firmament**—One of our most outstanding novelties of recent years. A dwarf form of this popular item, growing 15-20 inches high, very early flowering, and of rich blue color. **Pkt. 15c, 3 pkts. for 40c.**

**DELPHINIUM, Giant Pacific Hybrids**—The finest strain of hybrids available, with a most wonderful range of colors, huge individual flowers, compact arrangement, and very long spikes. Truly superb. **Pkt. 25c, 3 pkts. for 65c.**

**PYRETHRUM, Robinson's Hybrids**—The extra large flowers and long stems of this English strain make it a most valuable perennial. Petals in rose and red, about golden centers. **Pkt. 25c, 3 pkts. for 65c.**

**PETUNIA, First Lady ("Fair Lady")**—A most attractive light silvery rose or flesh color, the only color of its kind in the dwarf bedding petunias. Where a delicate light effect is wanted in bedding or edging, First Lady will produce admirable results. **Pkt. 25c, 3 pkts. for 65c.**

**DWARF FRENCH MARIGOLD, Butterball**—Bronze Medal, All-America Trials for 1942. Most attractive dwarf French marigold, similar to the well known variety Harmony, only a pure canary yellow color. Six to ten inches tall, uniform, very early, and continuous flowering. Bright luminous bedding or edging variety you can't help but like. **Pkt. 25c, 3 pkts. 65c.**



*Ageratum, Midget Blue*

For better  
Crops  
use  
**BEARMOR**  
Fertilizer



# FLOWER SEEDS OF PROVEN MERIT

Really fine flowers can be produced only from the very choicest, true-to-name parent plants. LAGOMARSINO'S FLOWER SEEDS have been selected from the very finest strains available to insure your complete satisfaction for every gardening need.

**Abutilon . Flowering Maple (a)**  
**GIANT FLOWERED MIXED** — This half hardy perennial grows 3 to 4 ft. high, bearing beautiful bell-shaped flowers in shades of white, yellow, rose, orange, and crimson. The Maple-like leaves are very ornamental and are often beautifully variegated. Pkt. 25c, 1/16 oz. \$1.00.

**Aconitum . Monkshood, Helmet Flower (p)**

\***FISCHERI (New)**—An improved strain; 30 inches high; bright pale blue flowers. Pkt. 25c, 1/6 oz. 75c.

**Achillea . Milfoil or Yarrow (p)**  
 \***FILIPENDULA PARKER'S VARIETY (Eupatorium)**—4 ft., fall flowering. Large golden yellow umbels. Very hardy. If allowed to fully open, can be dried. Pkt. 10c. **KELWAY ROSEA**—Deep rose and red shades. Pkt. 10c.

\***THE PEARL (Parnica)**—30 inches. Abundant small white double flowers. Pkt. 15c, 1/16 oz. 40c.

**Acroclinium . Everlasting (a)**  
 These double-daisy-like flowers are about 1 inch in diameter, and are borne singly on 15 inch stems. If cut when in the bud, they may be dried and used in winter bouquets.

\***NEW HYBRIDS**—Attractive strawflower for spring cutting. Extra large semi-double strain. Choice bright colored flowers with dark "eyes". Pk. 10c. 1/4 oz. 35c.

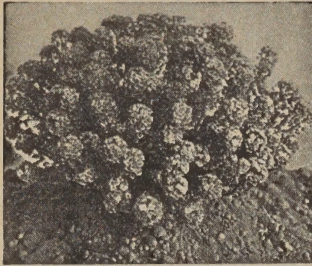
**African Daisy . See Dimorphotheca**

**Ageratum . Floss Flower (a)**

Bushy compact growth, covered with fluffy flowers of lavender blue. **Location:** sun or partial shade. **Culture:** well fertilized soil. **Use:** unexcelled for borders or edging. Blooms continuously throughout summer.

\***BLUE BALL**—6-10 inches. One of the most even large flowered strains. Pkt. 10c, 1/4 oz. 25c, 1/4 oz. 40c.

\***MIDGET BLUE**—Silver Medal, All-America Selections, 1940. 4-5 inches. Fine dwarf ageratum, delicate fine foliage, and smooth



*Alyssum, Violet Queen*

ered with small true ageratum blue flowers. Comes uniformly dwarf and true to color from seed. Pkt. 15c, 1/4 oz. \$1.00.

## Alyssum

A very easily grown item excellent for edging purposes particularly, blooming from early spring until late summer. **Location:** sun or a little shade. **Culture:** any type soil, light garden loam preferable. **Use:** unsurpassed for edging or ground cover.

\***CARPET OF SNOW, Procumbens Snowcloth (a)**—Well named, very dense flat masses of white flowers, 3 to 4 in. high by 8 in. wide. Exceptionally even strain. Pkt. 10c, 1/4 oz. 30c, 1 oz. 85c.

\***VIOLET QUEEN (New) (a)** (See center color section.) A true deep lilac alyssum of dwarf compact type. Much deeper in color than the old lilac Queen. Anyone who uses Lilac Queen should change to this much improved variety. Pkt. 15c, 1/4 oz. 45c.

\***LITTLE GEM (a)**—Five inches, compact and upright habit, having a mass of neat pure white flowers. Pkt. 10c, 1/4 oz. 25c. **SAXATILE COMPACTUM (Gold Dust) (p)**—Twelve inches. Rich golden yellow. Flowers in early spring. Pkt. 10c, 1/4 oz. 35c, 1/2 oz. 60c.

## Agrostemma (p)

These showy border plants grow 18 inches tall, and are very hardy. The blossoms are shaped similar to single pinks, and serve well as cut flowers with their downy silvery-gray foliage.

**CORONARIA ATROSANGUINEA (Rose Campion)**—28 inches; deep, blood red. Pkt. 10c, 1/4 oz. 25c.

## Amaranthus (a)

Related to the cockscomb. Grown for the vividly colored foliage, and showy flower clusters. **Location:** good open location. **Culture:** plants do better when not transplanted. Keep soil fairly dry. **Use:** fine for borders in front of shrubbery.

**MOLTEN FIRE**—Four feet. Deep red variegated foliage. Pkt. 15c, 1/4 oz. 50c.

\***JOSEPH'S COAT (Tricolor Splendens)**—3-4 ft. tall. A striking plant having leaf whorls of brilliant scarlet, green, and golden yellow colored leaves. Pkt. 10c, 1/4 oz. 25c.

(a)—ANNUAL. (b)—BIENNIAL.  
 (c)—CLIMBER. (p)—PERENNIAL.  
 \*—Varieties considered best in our experience and observation.

**SALICIFOLIUS (Fountain Plant or Willow Leaved Amaranthus)**—Thirty inches. Green with bronze, tops blood red. Pkt. 10c, 1/4 oz. 25c.

## Ampelopsis (p)

**VEITCHI (Boston Ivy)**—Hardy perennial climber with olive green leaves, which turn scarlet in the fall. Popular climber for covering brick or stone walls. Pkt. 10c, 1/2 oz. 25c.

## Anemone . Windflower (p)

This attractive perennial produces large delicate cup-shaped flowers with velvet tufted centers borne on strong stems. Excellent for cutting and bedding display.

**ST. BRIGID**—Choice semi-double mixed flowers in a wonderful array of striking colors. Pkt. 15c, 1/4 oz. 50c.

**CAEN HYBRIDS**—These giant French single flowers appear in shades of blue, red and white. Pkt. 10c, 1/4 oz. 25c.

## Anchusa

Strong robust plants, producing racemes of gentian-blue flowers. **Location:** sun, partial shade. **Culture:** easy to grow on any type soil. **Use:** plant in perennial border grouped with tall growing perennials or annuals.

**BLUE BIRD (Capensis) (a)**—18-24 inches. Attractive deep forget-me-not blue flowers. Pkt. 10c, 1/4 oz. 30c.

**ITALICA, Dropmore Strain (p)**—6 ft. Deep gentian blue. Nice for cutting. Pkt. 10c, 1/4 oz. 25c.

**MYOSOTIDIFLORA (Dwarf Anchusa) (p)**—Fifteen inches. Light blue, forget-me-not flowers. Pkt. 25c, 1/16 oz. 75c.

**Armeria . Thrift or Sea Pink (p)**  
**BEE'S RUBY**—20 inches. Has stout stems with large globular heads of brilliant ruby-red flowers. Pkt. 15c, 1/16 oz. 65c.



*Aquilegia, Long-spurred Crimson Star (Columbine)*



*Achillea, The Pearl*



### Rust-Resistant Antirrhinum Snapdragon (a)

The rust-resistant snapdragons have been developed to such a degree that they now supersede in every respect the old ordinary types. A complete color range is now available. Important: When first developed these varieties were completely immune to the then known strain of rust—strain A. Now nature has developed two other strains of rust—strains B and C. Therefore, all these varieties may develop rust to some extent for they were not bred immune to these two latter strains of rust. Breeding work is now being performed to bring this about. All varieties listed then, while no longer immune, are quite resistant and will prove entirely satisfactory for garden purposes.

**Location:** full sun. **Culture:** adaptable to different soils, but prefer well fertilized soil of a loose nature. Help check rust by irrigating instead of sprinkling. **Use:** borders and bedding.

**TALL GIANT SNAPDRAGONS**—Maximum Three feet. Surpass all others for stateliness and magnificence of flower spikes. Longest stemmed type for cutting. Strong growing and large flowered.

**CAMPFIRE**—Luminous scarlet. Pkt. 10c, 1/16 oz. 35c.

**CRIMSON**—Brilliant crimson. Pkt. 10c, 1/16 oz. 35c.

**INDIAN SUMMER**—Coppery orange scarlet. Pkt. 10c, 1/16 oz. 35c.

**LOVELINESS**—Rose-pink. Pkt. 10c, 1/16 oz. 35c.

**YELLOW**—Rich golden yellow. Pkt. 10c, 1/16 oz. 35c.

**MAXIMUM MIXTURE**—Superfine mixture of all colors in this class. Pkt. 10c, 1/16 oz. 35c, 1/8 oz. 50c.

### TALL LARGE FLOWERED SNAP- DRAGONS (Majus Grandiflora)

2½ feet. Much branched plants with many tall, upright spikes so stiff and strong as seldom to require staking. Large flowered, but not as long stemmed as the maximum varieties listed above. Fine for cut flowers.

**PADRE**—Crimson. Pkt. 10c, 1/16 oz. 35c.

**PINKIE**—Rose pink. Pkt. 10c, 1/16 oz. 35c.

**YELLOW JACKET**—Bright yellow. Pkt. 10c, 1/16 oz. 35c.

**MAJUS MIXTURE**—Mixture of all above colors with many intermediate shades. Pkt. 10c, 1/16 oz. 35c, 1/8 oz. 50c.

**SUPER-MAJESTIC SNAPDRAGONS**—1½ feet. Varieties in this class are unexcelled for bedding. 10-20 spikes in bloom at one time. Individual flowers are exceptionally large and unusually broad. Medium long stems. Many shades present never before seen in snapdragons.

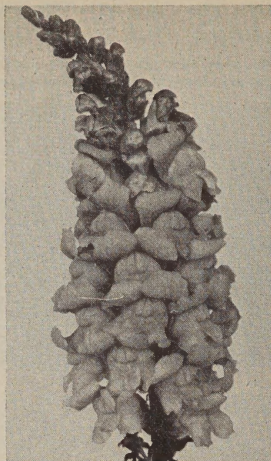
**Harmony**—Terra-cotta and yellow shaded rose. Pkt. 10c, 1/16 oz. 85c.

**Orange Shades**—Deep to light orange. Pkt. 10c, 1/16 oz. 85c.

**Rose Sensation**—Rose-pink. Pkt. 10c, 1/16 oz. 85c.

**Royal Crimson**—Garnet crimson. Pkt. 10c, 1/16 oz. 85c.

**Superb Mixed**—A marvelous assortment of many colors. Pkt. 10c, 1/16 oz. 75c.



Rust Resistant Antirrhinum

### Aquilegia . Columbine (p)

Cherished for the delicate long spurred flowers. **Location:** sun or partial shade. **Culture:** grown on moist any soil, preferring moist, well-fertilized loam. **Use:** splendid for the front part of the mixed border.

#### LONG SPURRED VARIETIES:

\***Blue Shades**—Exquisite shades of blue.

\***Copper Queen**—Copper red spurs, yellow center.

\***Rose Queen**—Rose shades with white center.

\***Snow Queen**—Finest pure white.

\***Crimson Star**—Deep blood-red spurs with white center. One of the finest varieties.

\***Longissima**—Delicate pale yellow with extra long (4 inch) spurs, and very large flowers. Award of Merit by the Royal Horticultural Society.

**Mrs. Scott Elliott's Hybrids**—The popular long-spurred mixture.

#### COERULEA, Rocky Mountain Columbine:

\***Mrs. Nicholls (New)**—Deep sky blue spurs with white center.

**Price:** Any of the above, 25c pkt, 5 pkts. \$1.00.

### Arctotis . African Daisy (a)

Lovely branching plant with daisy-like narrow-petaled flowers blooming from June to December. **Location:** full sun. **Culture:** medium to light soil. **Use:** bedding, or mixed border purposes.

**GRANDIS**—2.3 ft. Single silvery white flowers with lilac shading and dark center. Pkt. 10c, 1/4 oz. 30c.

\***HYBRID AUTUMN SHADES**—2.3 ft. Large daisy-like flowers of rich autumn shades—burnt orange, bronzy orange, yellow, and cream. Pkt. 20c, 1/16 oz. 80c.

### Arabis (p)

\***ALPINA SNOWCAP**—6 in. White flowers form shining white cushions. This Alpine rock or wall cress is an ideal early spring flower for the rock garden, as an edging plant, or for planting slopes. Pkt. 10c, 1/4 oz. 75c.

### Asparagus (p)

These ornamental varieties of asparagus are popularly used for soft backgrounds for bouquets, floral baskets and sprays. Being slow to germinate, seed should be soaked in warm water before planting.

**PLUMOSUS NANUS (Lace Fern)**—Produces fine bright green sprays. Grows well in shady places. Height 3 feet. Pkt. 10c, 100 seed 35c.

**PLUMOSUS ROBUSTA**—This is the climbing form of Lace Fern. Pkt. 15c, 100 seed 50c.

**SPRENGERI (Emerald Feather)**—A plant of graceful drooping foliage branches, excellent for hanging baskets. Pkt. 10c, 100 seed 30c.

### Aubrietia . Rainbow Rock Cress (p)

Six to eight inches. Lovely edging or rock garden plant, forming wide-spreading dense mats of growth, completely covered with brilliant flowers all spring. **Location:** sun or partial shade. **Culture:** any type soil. **Use:** rock gardens, edging, embankments, mixed borders.

**LARGE FLOWERED HYBRIDS (Monarch Strain)**—This new strain shows a particularly wide and bright color mixture of blue, lilac, mauve, and pink shades. Pkt. 20c, 1/16 oz. 60c, 1/8 oz. \$1.00.

**Australian Pea Vine** . See Dolichos.

**Baby Blue Eyes** . See Nemophila

**Baby's Breath** . See Gypsophila

**Baby Primrose** . See Primula

Malacoides

**Bachelor Button** . See

Centaurea Cyanus

**Balloon Vine** . Love-in-a-Puff (a)

A rapid growing annual climbing vine, delicate clusters of white blossoms and a number of large, round inflated seed-buds resembling miniature balloons. Pkt. 10c.

**Balsam** . Lady Slipper (a)

**DOUBLE BUSH FLOWERING**, 15 inches. **Finest Mixed**—In this new strain the flowers are produced well above the foliage, making it by far the most attractive and showy for garden use. Includes all attractive colors. Pkt. 15c, 1/8 oz. 25c.



Arctotis Hybrids



## BEAUTIFUL NEW WILT-RESISTANT AND GIANT STRAINS OF ASTERS

Asters are among the most useful decorative late summer plants for the home gardener. **Location:** sun or partial shade. **Culture:** require a rich soil, preferably rather sandy or loamy. Any soil may be made ideal for their culture by working in liberal quantities of **NUTRIO**. Cultivate regularly, and water before soil becomes too dry. Space tall branching varieties 15 to 18 inches apart, medium growing sorts 10 to 12 inches apart, and dwarf types 8 to 10 inches apart. **Use:** splendid effects are obtained when planted in masses in large or small beds, or when groupings are planted in mixed borders in combination with late flowering annuals or perennials.

### THE ASTER WILT DISEASE

The aster wilt or stem rot disease seriously affects asters. The causal fungus enters the roots from the soil, choking up the water conducting vessels of the plants, and thereby ultimately making the plant wilt and die. **Wilt-resistant asters have been developed to withstand the attacks of this fungus, and will produce healthy blooming plants even in the most severely fungus infested soil. Plant wilt-resistant varieties exclusively, if you are experiencing trouble with this disease in your garden. All such varieties are marked wilt-resistant below.**

**DOUBLE GIANT CREGO (Wilt-resistant)**—2 ft. The most popular of all classes. Flowers are of splendid size, have long shaggy, twisted petals and are borne abundantly on branching robust plants. Often called "Ostrich Plume" or "Giant Comet" Asters. **Crimson, \*Deep Rose, Peach Blossom, Shell Pink, Royal Purple, \*Blue Flame** (deep bright blue), **\*Enchantress** (light rose tinged salmon), and **\*White**.

**FINEST MIXED**—Any of the above. **Pkt. 15c, ½ oz. 35c, ¼ oz. 60c.**

**DOUBLE GIANTS OF CALIFORNIA**—2½ ft. A type selected from the Cregos with flowers of identical form, as described above, but larger and carried on longer stems. Two weeks later in season than the Cregos.

**\*Light Blue, Dark Purple, Peach Blossom** (pleasing light pink), **\*Rose Marie** (very resistant and of a lovely shade of rose-pink), **White, and Finest Mixed**. Any of the above. **Pkt. 15c, ½ oz. 50c, ¼ oz. 85c.**

**SUPER GIANTS OF CALIFORNIA**—3 ft. These new Asters are even larger flowered than the Giants of California, being 6-8 inches across. Of the same curled and interlaced petal formation.

**\*El Monte**—Sensational crimson.  
**\*Los Angeles**—Delicate shell pink.  
**Pkt. 15c, ½ oz. 35c.**

**DOUBLE AMERICAN BEAUTY (Wilt-Resistant)**—2½ ft. The class consisting of the regular and symmetrically formed flowers. The plants are branching, bearing large sized blooms which are fully double with evenly incurved petals.

**\*AZURE FAIRY**—Azure blue.  
**\*HEART OF FRANCE**—Distinctive scarlet color. Highly resistant.

**\*ROSALIE (New)**—Color an excellent deep rose. Outstanding for its completely double flower type; shows no center under any circumstances.

**PURPLE PRINCE**—Bright marine purple. **White, Finest Mixed**. Any of the above—**Pkt. 15c, ½ oz. 35c, ¼ oz. 60c.**

**IMPROVED GIANT CALIFORNIA SUNSHINE**—2½ ft. An improved strain of the earlier Anemone flowered Aster. The flower is composed of a single row of outer petals around a tufted center of short florets.

**Rose, \*Enchantress Pink** (salmon-pink), **White, \*Lavender** (azure blue) and **Purple**. Any of the above—**Pkt. 25c, ½ oz. 75c, ¼ oz. \$1.25.**

**IMBRICATED POMPON**—12-14 in. Upright growing, bearing numerous small round cushion centered flowers. Increasingly popular for cut flower use.

**Scarlet, \*Rose, White, \*Light Blue, Mixed**. Any of the above—**Pkt. 20c, ½ oz. 60c, ¼ oz. \$1.00.**

**LILLIPUT**—12-14 in. Known as the "Button Aster."

**Mixed**—**Pkt. 15c, ½ oz. 50c.**

**SINGLE CHINENSIS, Tall Single Giant Flowered (Wilt-Resistant)**—1-2 ft. **Finest Mixed**—**Pkt. 10c, ¼ oz. 25c.**

**PERENNIAL ASTER — MICHAELMAS DAISY**—This is a splendid mixture of the newest varieties, shades, and colors in hardy herbaceous Asters. They will bloom the first year if sown early, forming bushy clumps 2 to 3 feet high, covered with large single flowers in rich shades. **Mixed, pkt. 10c.**



*Fibrous Rooted Begonia*



*Super Giant, Los Angeles*

## Begonias . Wax Flower, Fibrous Rooted (p)

Sturdy plants, dwarf and compact in habit, forming a dense bush of glossy green wax-like leaves, covered all spring and summer with small wax-like blossoms. **Location:** shade or partial shade. **Culture:** soil well enriched with humus material to make it light and porous. **Use:** fine for bedding, edging, pot plants, window or porch boxes, etc.

**\*CARMEN**—The original bronze-leaved Begonia. Flowers a bright rose-pink contrasting very nicely with the dark foliage. **Pkt. 25c.**

**CHRISTMAS CHEER**—Fairly dwarf crimson scarlet. **Pkt. 25c.**

**\*LUMINOSA COMPACTA**—Very dwarf; deep scarlet, reddish-brown foliage; fine. **Pkt. 25c.**

**PRIMA DONNA**—Light rose-pink shading to carmen; medium dwarf. **Pkt. 25c.**

**\*PINK PEARL**—Unusually dwarf habit; flowers a clear rose-pink. **Pkt. 25c.**

**\*RED PEARL**—Bright scarlet flowers produced on extra compact plants. **Pkt. 25c.**

**COLLECTION**—1 pkt. each of any of the above 5 separate shades, **\$1.00.**

**SEMPERFLORENCE HYBRIDA FINEST MIXED**—A delightful mixture containing all colors from white to deepest crimson. **Pkt. 15c.**

## Bellis . English Daisy (p)

These favorite low perennial plants thrive in cool and shady locations. Seed can be sown in the fall and early spring.

**MONSTROSA GIGANTEA (Improved Giant Double)**—These are a decided improvement of the regular Daisy, in that the flowers and plants are much larger and extremely double.

**\*Giant White**—**Pkt. 15c, ½ oz. 60c.**

**Giant Pink**—**Pkt. 15c, ½ oz. 60c.**

**\*Giant Red**—**Pkt. 15c, ½ oz. 60c.**

**Giant Double Mixed**—**Pkt. 15c, ½ oz. 50c.**



*Calliopsis, Golden Crown*

### Brachycome . Swan River Daisy (a)

**MIXED**—6-8 inches. Nice for edging. Free flowering dwarf growing annuals, covered the greater part of the summer with a profusion of dainty flowers in shades from blue to rose lilac, and white. Pkt. 10c, ¼ oz. 40c.

### Browallia (a)

Ideal plant for beds and borders in summer and fall months, where shade is available. A sensation last year in the Hall of Flowers at the California State Fair.

**SPECIOSA MAJOR** — 10 inches. Large deep blue flowers. Pkt. 25c, 1/64 oz. 70c.

### Cactus (p)

**FINEST MIXED**—This collection contains a wonderful range of good varieties, including rare sorts which are easy to grow. Here is an excellent opportunity to observe some of nature's interesting oddities. Pkt. 25c.

### Calceolaria . Pouchflower (a)

A very colorful greenhouse plant, or one which may be planted in very protected spots in the garden. **Location:** Greenhouse, indoors, protected garden spot. **Culture:** Light loam well enriched with Nutrio. **Use:** Very colorful pot plant.

**\*DWARF TIGERED AND SPOTTED MIXED** —Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. Pkt. 50c.

### Calendula . Pot Marigold (a)

A showy, very hardy, prolific blooming annual invaluable for its blooms during late fall and winter. **Location:** sun or partial shade. **Culture:** any type soil. **Use:** for bedding, mixed border, and in front of shrubbery.

**\*BALL'S LONG ORANGE**—Deep intense orange with light center. Long stemmed and large flowered. Pkt. 15c, ¼ oz. 35c.

**\*BALL'S MASTERPIECE** — Long stemmed clear deep orange with brown center. Attractive contrasting colors and free flowering habit. Pkt. 15c, ¼ oz. 35c.

**\*BALL'S GOLD** — Extra long stemmed, large deep golden yellow; light eye. Nice. Pkt. 15c, ¼ oz. 35c.

**\*BALL'S LEMON QUEEN** — Deep lemon yellow with attractive brown eye; excellent yellow. Pkt. 15c, ¼ oz. 35c.

**CHRYSANTHA OR SUNSHINE** — Loose petaled bright yellow. Very popular. Pkt. 10c, ¼ oz. 30c.

**CAMPFIRE OR SENSATION**—Dark orange with scarlet sheen. Pkt. 10c, ¼ oz. 30c.

**ORANGE KING** — Dark centered deep orange. Pkt. 10c, ½ oz. 25c.

**\*YELLOW COLOSSAL (New)** — The biggest calendula in the world. The well-formed bushy plants grow 18 in. high, becoming loaded with extremely double, clear, bright yellow flowers 4½ in. and more across. Pkt. 10c, ¼ oz. 30c, ½ oz. 50c.

**MIXED, ALL COLORS**—Pkt. 10c, ¼ oz. 20c.

### Calliopsis . Tickseed (a)

Showy and free flowering annuals of the easiest culture, doing well in any sunny location. The plants are graceful, with finely cut foliage, and a wealth of brilliant flowers produced in shades from golden yellow to maroon.

**\*CALLIOPSIS, GOLDEN CROWN** — A rich orange-yellow or gold of pleasing fragrance. Makes a good cut flower with 12-inch wiry stems. Similar to Golden Crest. Pkt. 10c, ¼ oz. 25c.

**TALL MIXED**—Each flower is a miniature paint brush of orange scarlet produced on long wiry stems. Pkt. 10c, ¼ oz. 25c.

### California Poppy . See Eschscholtzia

### Canna (p)

Enormous brilliant clusters of bloom borne on spikes above broad green or bronze leaves. They are usually planted from roots, but can be successfully grown from seed. Soak the seeds in warm water until they show evidence of swelling, then sow in light soil.

**GIANT FLOWERING** — Mixed. Pkt. 10c, ¼ oz. 30c.

### Cardinal Climber (a)

An attractive annual climber. Brilliant red flowers freely produced. Plants must be planted close for wall coverage. Pkt. 10c, ¼ oz. 35c.

### Canary Bird Vine (a)

Annual vine, with irregular, canary-yellow flowers. Pkt. 10c, ½ oz. 30c.



CORNFLOWER  
JUBILEE GEM

### Campanula . Canterbury Bells

**ANNUAL CANTEBURY BELLS (a)**—This class is the newest addition to the Campanula family, plants coming into bloom six months from seed. The plants grow from 2 to 2½ feet tall, each having from 6 to 8 spikes of bell-shaped flowers.

**Angelus Bell**—Rose. **Mission Bell**—Pink. **Blue Bell**—Light blue. **Wedding Bell**—White. **Liberty Bell**—Dark blue. All the above separate shades. Pkt. 15c, ¼ oz. 35c.

**Annual Single Mixed**—Pkt. 10c, ¼ oz. 30c. **Special Bell Collection.** 1 pkt. each, 5 separate varieties, 60c.

### CAMPANULA MEDIUM CALYCANTHEMA

**(Cup and Saucer Canterbury Bells) (b)**—These biennials are unquestionably the finest type of this old-fashioned flower. They differ from the ordinary type in having an extra large calyx which is the same color as the flower, giving the appearance of a cup and saucer.

**\*Dark Blue, Light Blue, \*Rose, White.** Pkt. 15c, 4 pkts. 50c, ¼ oz. 40c. **Mixed.** Pkt. 10c, ¼ oz. 35c.

### Campanula . Perennial Species

The following are some of the outstanding hardy perennials of the Campanula family, being excellent border or ideal rock garden subjects.

**CARPATICA (Carpathian Hare Bell)**—10-14 inches. Full shade. Large, white, lavender to deep blue flowers, blooming in June. Pkt. 10c, ¼ oz. 40c.

**PERSICIFOLIA GRANDIFLORA BLUE (Peach Bells)**—1-2 ft. Sun or partial shade. Matty growth, with long dark green peach-like leaves. Erect stems bearing racemes of rather large blue bell-shaped flowers. Pkt. 15c, ½ oz. 50c.

**PYRAMIDALIS (Chimney Bellflower)**—4-5 ft. Long pyramidal racemes of medium sized bell-shaped flowers with expanded petals. Pkt. 10c, ¼ oz. 40c.

**ROTUNDIFOLIA (Blue Bells of Scotland)**—1 ft. Has graceful drooping mid-blue bell-shaped flowers. A splendid subject for the rockery or front of hardy border. Pkt. 25c, 1/64 oz. 50c.

### Centaurea

A very easily grown class of plants with single or double thistle-like flowers. **Location:** sun. **Culture:** sow seed in fall or early spring in desired location. Do not transplant well. Very easily grown from seed. **Use:** edging and bedding in an annual or mixed border.

### CYANUS (Bachelor Button or Cornflower (a))

**\*Blue Boy** — The true cornflower blue shade. Pkt. 10c, ¼ oz. 25c.

**\*Finkle**—Lovely light pink; always popular. Pkt. 10c, ¼ oz. 25c.

**\*Jubilee Gem**—Deep blue flowers. The dwarf compact strain especially designed for edging and low bedding. Pkt. 15c, ¼ oz. 60c.

**Formula Mixture**—Complete mixture of all colors in this class. Pkt. 10c, 4 pkts. 35c, ¼ oz. 20c, 1 oz. 50c.

**GIANT SWEET SULTANS (Imperialis) (a)** Three feet. Have similar thistle-like flowers as the above group, but are much larger flowered. Long-stemmed, sweet-scented, and flowers are exquisitely fringed.

**Amaranth Red, Brilliant Rose, Delicate Lilac, Deep Lavender, White.** Pkt. 10c, ¼ oz. 30c, ½ oz. 50c.



**SUAEOLENS, Yellow Sweet Sultan or Grecian Cornflower.** Large bright yellow flowers, sweetly scented, and lasting well for cutting. **Pkt. 10c, 1/4 oz. 25c, 1/2 oz. 45c.**

**Mixture of all colors—Pkt. 10c, 1/4 oz. 25c, 1/2 oz. 40c.**

#### DUSTY MILLERS (p)

The white-leaved varieties for border work, and floral arrangements.

**Candidissima** — Six inches; silvery-gray foliage. **Pkt. 10c, 1/4 oz. 40c.**

#### Candytuft . Iberis (a)

Branching plants developing flat-topped clusters of various colored flowers, blooming prolifically in spring, and during other seasons by successive sowing of seed. **Location:** sun and slight shade. **Culture:** broadcast seed directly. **Use:** edging; rockeries; mixed borders.

#### UMBELLATA TYPE

One foot. Umbrella-shaped flower heads made up of many small florets cover the dwarf bushy plants.

\***Carmine, Crimson, Flesh Pink, \*Lavender (Lilac), \*Rose Cardinal, White, Finest Mixed.** **Pkt. 10c, 1/4 oz. 25c, 1/2 oz. 40c.**

#### HYACINTH FLOWERED TYPE

Much branched plants, each branch a massive, long and thick Hyacinth-like spike of pure white. Extremely desirable for cutting, and very showy in the garden.

**GIANT HYACINTH FLOWERED WHITE—**1 1/2 ft. Enormous trusses of white blooms. **Pkt. 10c, 1/4 oz. 30c, 1/2 oz. 50c.**

**MINIATURE GEM—**4 inches. A dainty, miniature hyacinth flowered candytuft, same as above, but dwarf size. Lovely for edging. **Pkt. 10c, 1/4 oz. 40c.**

### Carnations

**CHABAUD'S IMPROVED GIANT DOUBLE (p)**—These robust erect plants, 15 to 18 inches, come into bloom five months after sowing the seed, and continue to supply a great abundance of beautiful, large, double, flowers with handsomely serrated petal edges.

\***Cardinal Red (Sparkler)**—An outstanding brilliant scarlet.

\***Deep Rose**—Lovely deep rich rose.

**Rose Pink (The Pearl)**—Delightful light rosy pink.

**Flesh Pink**—Delicate flesh pink.

**Yellow (Marie Chabaud)**—Outstanding yellow.

\***White (Jeanne Dionis)**—Very lovely.

**Pkt. 15c. Collection:** 1 pkt. each of 6 separate shades. 75c, 1/2 oz. 65c, 1/4 oz. \$1.15.

**Finest Mixed**—A well balanced strain of all the desirable colors. **Pkt. 15c, 1/2 oz. 50c, 1/4 oz. 85c.**

**CHABAUD'S ENFANT DE NICE (p)**—This excellent type produces fewer but slightly larger flowers with longer stems, and is a little more spreading in habit than the Chabaud Giants. Early in blooming, robust in growth, this variety is indeed splendid. **Pkt. 20c, 1/16 oz. 60c, 1/2 oz. \$1.00.**

#### Cathedral Bells . Cobaea scandens (a)

A fine strong growing annual climber. Bell-shaped flowers of rosy-purple. Plant seeds edgewise to insure good germination. **Pkt. 10c, 1/4 oz. 25c, 1/2 oz. 40c.**

### Chrysanthemum . Leucanthemum . Shasta Daisy (p)

\***SHASTA ALASKA**—This is a splendid hardy perennial variety of pure white flowers, rarely less than 5 inches across, borne on long strong stems. They are very fine for cutting and border work. **Pkt. 10c, 1/2 oz. 35c, 1/4 oz. 60c.**

\***SHASTA DAISY DOUBLE (Diener's Strain)**—This is a new and interesting development of double and semi-double, long narrow fringed petals in a wide number of patterns or forms. **Pkt. 35c, 1/18 oz. \$1.25.**

#### CHRYSANTHEMUM

**ANNUAL SUMMER VARIETIES (a)**—Flower profusely during summer and fall. **Location:** morning sun preferable. **Culture:** heavy-type soil. **Use:** showy in borders and good for cutting.

**Coronarium, Double Mixed**—Two ft. Nice button-shaped, double blooms, 1 1/2 inches across, in white and shades of yellow. Good long stems. **Pkt. 10c, 1/4 oz. 20c.**

**Finest Single Mixed**—Two ft. Beautiful zoned or ringed flowers with unusual contrasting colors. **Pkt. 10c, 1/4 oz. 20c.**

#### Celosia . Cockscomb (a)

Easy to grow, and excellent for beds, pot plants and borders as well as showy mass effects, all characterize Celosia and explain why this showy annual is so rapidly increasing in popularity. For outdoor purposes, sow seed direct as soon in spring as warm weather sets in. Recently introduced dwarf classes are very uniform in habit.

**DWARF CRESTED (Cristata cockscomb)**—Curious comb-shaped flowers in vivid colors.

\***Dwarf Empress**—12 inches. Large crimson combs with deep reddish leaves. **Pkt. 10c, 1/16 oz. 35c, 1/2 oz. 50c.**

**Glasgow Prize or President Thiers**—12 to 15 inches. Deep crimson combs set in bright green leaves. **Pkt. 10c, 1/2 oz. 25c.**

**Dwarf Crested Mixed**—**Pkt. 10c, 1/2 oz. 35c, 1/4 oz. 60c.**

\***ROYAL VELVET (New)**—A very uniform semi-tall strain of crested cockscomb especially developed for cutting or decorative work, for which this annual is becoming so popular. Glorious crimson combs borne well above foliage on 24 to 30 inch stems. Reddish green foliage. **Pkt. 15c, 1/2 oz. 75c.**

**FEATHERED (Plumosa cockscomb)**—Stately pyramidal plants, producing spire-like branches mostly from the base of the plant with graceful plumed flowers.

**Tall Feathered Cockscomb**—2.3 ft. **Crim-**



*Celosia, Dwarf Fiery Feather*



*Carnations*

**son, Fiery Red, Scarlet, Yellow.** Each, **pkt. 15c, 1/4 oz. 50c.**  
**Mixed—Pkt. 10c, 1/4 oz. 30c.**

\***Dwarf Fiery Feather**—12 inches. Very attractive pyramid formation with fiery red spires. Brilliant edging plant. **Pkt. 15c, 1/2 oz. 45c.**

\***Dwarf Golden Feather**—15 inches. Same as above but slightly taller and golden yellow. **Pkt. 15c, 1/2 oz. 45c.**

**Dwarf or Lilliput Mixed**—**Pkt. 15c, 1/2 oz. 45c.**

**CHILDII (Chinese Woolflower)**—2 ft. An attractive different type with knobs or ball-like formations on the end of each branch. **Crimson—Pkt. 10c, 1/4 oz. 60c.**  
**Mixed—Pkt. 10c, 1/4 oz. 50c.**

#### Cheiranthus Allioni . Siberian Wall flower

**GOLDEN BEDDER**—1 1/2 ft. Large deep golden yellow. Flowers resemble single wallflowers. Very effective in the rockery or front of border. **Pkt. 15c, 1/4 oz. 35c, 1/2 oz. 60c.**

#### Cineraria Hybrida

Much prized as pot plants, they do well in a cool greenhouse and in mild climates. Succeed well out of doors in shaded places. The large velvety leaves are often hidden from view by the mass of daisy-like flowers colored in vivid shades of purple, red, pink, blue and white in addition to outstanding bicolors. Sow seed in boxes during the summer.

**GRAND FLORA SEMI-DWARF**—Extra Choice Mixed. These extra large flowers are of fine substance and appear in a very select color range. **Pkt. 25c.**

\***MULTIFLORA NANA MIXED**—This compact plant is covered with a profusion of small flowers extremely rich in color. **Pkt. 35c.**

#### Cleome . Spiderflower

**GIANT PINK QUEEN**—3 ft. **Silver Medal, all-America Trials, 1942.** Unique flowers, each four-petaled with six long stamens, are borne on long stalks. Color, bright salmon pink. Blooms abundantly from summer until late fall. Attractive when used in tall borders or along driveways. **Pkt. 25c, 3 pkts. 65c.**





Cosmos, Sensation

**Cosmos (α)**

Lovely late summer and fall blooming plants, growing 6-10 feet high, much branched, and covered with a profusion of large single and semi-double daisy-like flowers. **Location:** sun. **Culture:** rather light sandy loam or well enriched heavy soil. **Use:** in rows along fences, etc., in the background of the mixed border, or between groups of tall growing shrubbery.

**SENSATION COSMOS**—Height 4 feet. A most outstanding introduction to this old-fashioned garden flower. A very early giant flowering variety. Blooms large, 4 to 6 inches across.

\***Pinkie**—Beautiful Pink. Pkt. 10c, ¼ oz. 35c. ¼ oz. 60c.

\***Purity**—Pure white. Pkt. 10c, ¼ oz. 35c. ¼ oz. 60c.

**Mixed**—Pink and white. Pkt. 10c, ¼ oz. 30c, ¼ oz. 50c, ½ oz. 85c.

**EARLY DOUBLE CRESTED**—4 ft. Many of the flowers have attractive central crests or tufts, or are fully double.

\***Pink, White, \*Crimson**—Pkt. 15c, ¼ oz. 95c.

**Mixed**—Pkt. 15c, ¼ oz. 75c, ½ oz. \$1.25.

**LATE OR AUTUMN MAMMOTH SINGLE**—6 ft. Vigorous tall plants with magnificent large flowers. The standard fall-blooming class.

**Crimson, \*Lady Lenox Pink, \*Lady Lenox White**—Pkt. 10c, ¼ oz. 25c, ½ oz. 40c. **Mixed**—Pkt. 10c, ¼ oz. 20c, ½ oz. 30c.

**KLONDYKE COSMOS**—

\***Orange Flare**—Vivid orange flowers with light green marigold-like foliage. Pkt. 10c, ½ oz. 30c, ¼ oz. 50c.

**Coreopsis Grandiflora (p)**

This class of hardy perennial plants grows 2 to 2½ feet tall and produce beautiful large daisy-like flowers, rich in color with broad fluted petals. They bloom over a long season and are attractive in the garden and serve excellently as cut flowers.

**MAYFIELD GIANTS**—Large rich deep golden yellow single. Pkt. 10c, ¼ oz. 30c.

\***DOUBLE SUNBURST (New)**—Produces good percentage of semi-double flowers, the extra petalage adding further charm to flower. Pkt. 15c, ¼ oz. 35c.

**Clarkia Elegans Double (α)**

Two feet. Small carnation-like flowers in soft pastel tints. **Location:** sun or light shade. **Culture:** garden loam preferable. Sow seed direct. **Use:** fine for any type border work.

**Brilliant**—Bright deep rose.

**Enchantress**—Pleasing shade of salmon-pink.

**Orange King**—Fully double orange-scarlet.

**Salmon Queen**—Medium light salmon-pink.

**Any of the above**—Pkt. 10c, ¼ oz. 35c.

**Choice Double Mixed**—All colors. Pkt. 10c, ¼ oz. 25c.

**Coleus (α)**

One of the most beautiful foliage plants to be obtained from seed. The leaves often measure 10 inches in length and 8 inches in width. They are heart-shaped and handsomely crimped, toothed and frilled, and come in remarkable color combinations. Valuable as house plants, window boxes, and may also be grown outdoors, doing well in shady places. Height 10 to 18 inches. **Finest Mixed.** Pkt. 25c.

**Columbine** . See *Aquilegia*

**Cuphea . Cigar Plant (α)**

**FIREFLY**—A semi-dwarf compact growing annual, 10-12 inches high, with a spread of 12 inches. Flowers a deep rose-scarlet deepening to almost purple at the center, and fluted in formation. Grows very readily from seed. Pkt. 25c, 1/16 oz. 75c.

**Cardinal Climber . Ipomea Quamoclit (α)**

Brilliant red flowers freely produced. An attractive annual climber. Plants must be planted close for wall coverage. Pkt. 10c, ¼ oz. 35c.

**Coix . Job's Tears (α)**

**LACHRYMAE**—An annual ornamental grass growing 2 to 4 feet high, producing curious shiny hard seed which may be used as beads. Pkt. 10c.



Coreopsis, Double Sunburst



Clarkia Elegans Double

**Cyclamen (p)**

A tender bulbous perennial, used in greenhouses and window gardens. Excellent house plants.

**Mixed**—Pkt. 12 seeds 25c.

**Cynoglossum . Chinese Forget-Me-Not (α)**

**FIRMAMENT (New)**—15 inches. A dwarf selection from the original blue strain. Of fine bushy, base branching, yet compact habit. Free flowering. Pkt. 15c, 1/16 oz. 50c.

**Daisy, Shasta** . See *Chrysanthemum*

**Daisy, English** . See *Bellis*

**Datura . Angel's Trumpet (α)**

**WRIGHTII**—This shrubby plant grows 2½ to 3 feet tall and produces interesting white trumpet shaped flowers mottled with purple, having delightful fragrance. Pkt. 10c, ¼ oz. 30c.

**Dahlia (α)**

Seedling strains of dahlias are enjoying an ever increasing popularity for outdoor bedding use or for pots, especially the two dwarf strains listed below. All flower the first season from seed. Extensively used with "breath-taking awe" at Treasure Island. **Location:** semi-shade or only morning sun. **Culture:** loose type soil (work in NUTRIO for best results). **Use:** bedding, pots, window boxes, etc.

**\*UNWIN'S DWARF HYBRIDS**—18 in. We offer this season an especially re-selected strain for even dwarf habit, and attractive colors of this most popular variety. Double and semi-double flowers with a particularly wide range of bright colors. Pkt. 15c, ¼ oz. 60c.

**COLTNESS HYBRIDS**—18 inches. Single flowers. Uniformly dwarf and true to color, with free flowering habit. Pkt. 15c, ¼ oz. 50c.



## Dianthus or Pinks

The lovely old fashioned "pinks" in newly created forms. Fragrant flowers ranging in size from tiny pinks to large carnations. **Location:** sun loving. **Culture:** any soil well fertilized with humus (NUTRIO) material. **Use:** edging, mixed border, rockery.

### Annual Varieties

**\*SWEET WIVELSFIELD DOUBLE MIXED**—12 inches. A cross between sweet william and dianthus. Due to its large size, free flowering, and brilliant colors, this improved hardy strain is the most popular of all annual dianthus. Produces nice short-stemmed cut flower material also. **Pkt. 20c, 1/16 oz. 50c.**

**HEDDEWIGI, DOUBLE JAPANESE PINKS**—10 inches. Excellent for rock garden or borders.

**Finest Mixed**—Complete mixture of all colors in this double class. **Pkt. 10c, 1/4 oz. 25c.**

**\*LACINIATUS SPLENDENS**—10-12 inches. An extra large single flowered strain of brilliant crimson, with large contrasting white eye. **Pkt. 10c, 1/4 oz. 30c.**

### Perennial Varieties

**\*DELIGHT (New)**—9 inches. A hybrid between Dianthus, Sweet Wivelsfield, and Dianthus Roysal. Flowers continuously from June until October, producing flowers about 1/2 inch in diameter, in great profusion. A bewildering range of colors from palest pink to deepest maroon. Easy grower; excellent for cutting. **Pkt. 25c.**

**SPRING BEAUTY MIXED**—12 inches. A mixture of extra double giant-flowered pinks in splendid color variation. **Pkt. 15c.**

**PHEASANT EYE PINK** (Plumarius Single) —**Pkt. 10c, 1/4 oz. 30c.**

## Delphinium . Perennial Larkspur (p)

The favorite of all perennials. Cherished for its stately spikes of bloom. **Location:** full sun; will endure some shade. **Culture:** prefers well-enriched, well-drained soil. Add abundant humus to heavy soils. **Use:** excellent in groupings in the background of borders, or in rows along fences, buildings, etc.



*Pacific Giant Delphinium*

**PACIFIC GIANT HYBRIDS (New)**—The most outstanding of all strains of Delphiniums. Distinguished by the nearly 100% double or semi-double extra large flowers, and superb shades.

**\*Mixed**—A supremely fine complete mixture of Hybrid Delphinium. **Pkt. 25c, 1/32 oz. \$1.00.**

**\*White**—The finest white delphinium in existence. **Pkt. 25c, 1/32 oz. \$1.00.**

**\*BLACKMORE & LANGDON HYBRIDS**—A fine free flowering long-stemmed hybrid strain. **Pkt. 25c, 1/16 oz. 75c, 1/4 oz. \$1.30.**

**BELLADONNA IMPROVED**—Large flowers of brilliant iridescent turquoise blue. Grown for cutting purposes. **Pkt. 15c, 1/16 oz. 30c.**

**BELLAMOSUM IMPROVED**—Similar to the above, but rich deep blue in color. **Pkt. 15c, 1/16 oz. 30c.**

## Didiscus . Blue Lace Flower (a)

**COERULEUS**—A very pretty annual. Exquisite pale lavender flowers on long stems. A constant and profuse bloomer. Excellent for cut flowers. Not difficult to grow from seed; seed somewhat slow in germinating. **Pkt. 10c, 1/4 oz. 40c.**

## Digitalis or Foxglove (p)

**\*GIANT SHIRLEY MIXED**—The finest strain of Foxgloves yet introduced. Vigorous plants of 5 to 7 feet with spikes of bloom four feet in length, closely set with flowers of unusual size, ranging in color from pure white to dark rose, handsomely spotted and blotched with crimson, maroon and chocolate. **Pkt. 15c, 1/4 oz. 30c.**

**HYBRIDA LUTZII SALMON**—Delightful salmon flowers on plants 4 feet tall. **Pkt. 15c, 1/4 oz. 35c.**

**Dianthus Barbatus . See Sweet William**

**Dimorphotheca . African Golden Daisy (a)**

**\*AURANTIACA HYBRIDS**—Extremely showy annual daisies from South Africa. The plants grow 12 to 15 inches high with flowers 2 1/4 inches over and across, varying in color from purest white through the various shades of yellow orange to rich salmon shades, many being zoned with several of these colors around the black

disc. Sow the seed where it is to remain, in the spring, in a sunny position. **Pkt. 10c, 1/4 oz. 40c.**

## Dolichos . Hyacinth or Jack Bean (a)

Ten feet. Rapid growing annual climber, of robust growth, with erect spikes of showy pea-flower-like blooms during summer. Fine for training on string, wire, or poles on porches, or to screen unsightly places. **Mixed, Purple and White. Pkt. 10c, 1 oz. 25c.**

## Lignosus . Australian Pea Vine

A rapid growing evergreen climbing vine producing in great abundance large clusters of rose colored pea-shaped flowers. **Pkt. 10c, 1/4 oz. 40c.**

## Doronicum . Leopard's Bane (p)

Lovely perennial for semi-shaded areas. Attractive yellow daisy-like flowers on good stems for cutting.

**\*BUNCH OF GOLD (Pardalanches)**—30 inches. Longstemmed and extra free flowering. Lovely large flowers. **Pkt. 25c.**



*California Poppy, Romona Hybrids, Finest Mixed*

## Eschscholtzia . California Poppies (a)

One ft. Dainty, free-flowering plants of easy culture, with gaily colored, poppy-like flowers having a satiny finish. **Location:** full sun. **Culture:** must have well drained, loose soil. Sow seed direct. **Use:** well adapted for beds and edgings.

**\*Extra Golden (The True California Poppy)**—Large flowers of pure orange. **Pkt. 10c, 1/4 oz. 25c, 1/2 oz. 40c, 1 oz. 65c, 1/2 lb. \$1.50, 1 lb. \$2.50.**

**\*Romona Hybrids, Finest Mixed**—A new compact and erect strain with flowers beautifully frilled and incurved. Lovely bright colors. **Pkt. 10c, 1/4 oz. 40c, 1/2 oz. 70c.**

## Echinocystis . Wild Cucumber Vine (a)

**LOBATA**—Quick growing annual vine; splendid for covering trellis, old trees, fences, etc. Clean bright green foliage and sprays of white flowers in July and August. **Pkt. 10c, oz. 30c.**



*Unwin's Dwarf Hybrid Dahlias*





Gaillardia, Monarch Strain

**Euphorbia (α)**

Strong-growing annuals, suitable for beds of tall-growing plants, or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

**VARIEGATA (Snow on the Mountain)**—Attractive foliage; veined and margined with white; 2 feet. Pkt. 10c. ½ oz. 40c.

**Evening Primrose . See Oenothera**

**Forget-me-not . See Myosotis**

**Four O'clock . See Marvel or Peru**

**Fuchsia . Ladies' Eardrop (p)**

This is a well known plant of easy culture in pots for the conservatory or for the open ground. The large showy pendant flowers of a rich red color make a beautiful display. Pkt. 25c.

**Gaillardia . Blanket Flower (p)**

Richly colored, long-stemmed, daisy-like flowers all spring, summer, and fall. **Location:** full sun. **Culture:** any type garden soil. Will withstand drought and the warmest weather. **Use:** showy in any garden spot; fine for cutting. Gaillardias will see to it that you are never without blooms.

**\*DAZZLER**—Large golden yellow flowers up to 5 inches in diameter with rich maroon center. Pkt. 15c. ½ oz. 35c.

**THE KING** — Large deep red flowers, edged gold. Pkt. 15c. ½ oz. 50c.

**\*MONARCH STRAIN**—A very superior mixture of large, full petaled flowers with an unusually bright color mixture. Pkt. 25c.

**Geranium (p)**

**ZONALE MIXED**—This is a superb strain of the finest and largest varieties, blooming the first year from seed. Reds predominate but soft shades of pink, rose and white are quite frequent. Pkt. 15c. 1/6 oz. 35c.

**Gerbera . Transvaal Daisy (p)**

**\*JAMESONI HYBRIDS MIXED** — This South African flower is of unusual daintiness. The large daisy-like flowers 2 to 4 inches across are borne on long stems. Their color range of white, pink, salmon, rose, crimson, yellow, lilac and intermediate shades make this strain ideal for cut flowers. Pkt. 25c, 100 seeds 75c.

**Geum (p)**

This perennial plant reaches a height of two feet, bears lovely double rose-like flowers gracefully poised on long stems at the base of which is a thick rosette of strawberry-like leaves. The plants make splendid perennial borders, and are welcomed in bouquets.

**Mrs. Bradshaw**—Orange scarlet Pkt. 15c. ½ oz. 50c.

**Lady Stratheden**—Golden yellow. Pkt. 20c. ½ oz. 70c.

**\*PRINCE OF ORANGE**—Brilliant glistening golden orange blooms. Pkt. 25c. 1/6 oz. 85c.

**Golden Rod . Solidago (p)**

A popular hardy perennial, flowers in late summer, producing golden yellow composit flowers. Height 3 feet. Pkt. 10c.

**Gomphrena . Globe Amaranth (α)**

Attractive, clover-like, strawy flower heads, about ¾ in. across. **Location:** full sun. **Culture:** sow seed direct in spring after danger of frost. **Use:** lovely for bedding or edging. Nice for cutting. May be dried for winter.

**GLOBOSA varieties**—Round, ball-shaped flowers.

**ROSE**—30 inches. Light rose-pink. Pkt. 10c. ¼ oz. 25c.

**RUBRA**—30 inches. Purple, with bluish cast. A very bright deep shade. Pkt. 10c. ¼ oz. 25c.

**NANA COMPACTA RUBRA**—8 inches. A dwarf strain of Rubra. Very excellent neat compact edging plant. Pkt. 15c. ¼ oz. 65c.



Gerbera, Jamesoni Hybrids

**Grevillea . Silk Oak Tree (p)**

**ROBUSTA**—A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decorations; easily raised from seed, producing good sized plants in a short time. Pkt. 10c. ¼ oz. 30c.



Godetia, Sybil Sherwood

**Godetia . Satin Flower (α)**

This attractive hardy annual blooms profusely, bearing showy flowers of satiny texture in many rich and varied colors. **Location:** sun. **Culture:** poor soil of any type. **Use:** low bedding, along curbs, etc., or mixed border.

**TALL DOUBLE FLOWERED**—2 feet. **Crimson, Rich Pink, Carminea** (pink, crimson blotched center), **Lavender, Mixed**. Pkt. 10c. ¼ oz. 35c.

**DWARF DOUBLE AZALEA FLOWERED**—Large double azalea-like flowers on dwarf compact 12-inch plants.

**\*Carminea**—Pink, crimson blotched center. Pkt. 10c. ¼ oz. 45c.

**Sweetheart**—Bright cream pink. Pkt. 10c. ¼ oz. 45c.

**\*Sybil Sherwood** — Bright salmon pink, edged white. Pkt. 10c. ¼ oz. 45c.

**Mixed**—Pkt. 10c. ¼ oz. 35c.

**Gypsophila . Baby's Breath**

These lovely dainty free-flowering plants do well in most any type of soil. Their dainty white or colored panicles are popularly used in bouquets.

**ANNUAL VARIETIES**

**\*Covent Garden Market** — Extra large flowered, full petaled-flowers having 6 to 8 petals instead of the usual 4 to 5. Pkt. 10c. 1 oz. 30c.

**Elegans Carminea**—Same habit as others but with bright carmine-pink flowers. Rather small flowered. Pkt. 10c. 1 oz. 35c.

**PERENNIAL VARIETIES**

**\*Pacifica**—4 ft. Small pink blooms. Excellent for cutting. Pkt. 15c. 1/16 oz. 50c. ½ oz. 85c.

**\*Oldhamiana**—3.4 ft. Very dense heads of feathery light rose-pink flowers. Pkt. 15c. ½ oz. 40c. ¼ oz. 70c.

**\*PANICULATA DOUBLE SNOW FLAKE**—3 ft. An improved double hardy Gypsophila. Produces about 50 per cent double flowering plants. Pkt. 25c. 1/16 oz. 50c. ½ oz. 85c.

**Gilia (α)**

**CAPITATA (Blue Thimble Flower)**—Ball-shaped blue flowers. Attractive feathered foliage. Pkt. 10c. ¼ oz. 25c. ½ oz. 40c.



*Heuchera Sanguinea (Coral Bells)***Gourds, Ornamental (a)**

These are desirable in many places where an immense amount of vine is wanted quickly. The blooms of some are quite striking and handsome. The mature fruits are unique and are often shellaced and used as household decorations.

**SMALL FRUITED VARIETIES**

**Apple**—Creamy white apple-shaped.  
**Bottle (Miniature)**.  
**Egg Shaped**—White. Used as nest eggs.  
**Orange**—Shape and color resemble an orange.  
**Pear, Bicolor**—Green and golden yellow.  
**Pear, Striped**—Yellow and green.  
**Warted**—All shapes and varied sizes, oddly warted.

**Small Varieties Mixed.**

Any of the above—Pkt. 10c. 1/2 oz. 25c. 1 oz. 45c.

**LARGE FRUITED VARIETIES**

**Calabash (Pipe Gourd)**—Used for making pipes.

**Dipper**—Used for dippers and birds' nests.  
**Dish Cloth or Bath Sponge (Luffa)**—The mature fruits have a fibrous skeleton and is used like a sponge. When ripe soak in water to separate from flesh.

**Giant Bottle or Chinese Water Jug.**

**Hercules Club**—Mature fruits are 2 to 3 feet long and club shaped.

**Mixed**—All varieties, large and small.

**Price, any of the above:** Pkt. 10c. 1/2 oz. 20c. 1 oz. 35c.

*Gourds, Small Varieties Mixed***Helenium . Helen's Flower (p)**

Strong-growing, hardy perennials, giving an enormous crop of flowers in late summer.

**AUTUMNALE SUPERBUM**—5 to 6 feet. Golden yellow flowers. Pkt. 20c. 1/2 oz. 60c. 1/4 oz. \$1.00.

**RIVERTON GEM**—3-4 feet. Flowers open as old gold and terra-cotta, changing to wallflower red. Lovely variety. Pkt. 25c. 1/16 oz. 85c.

**Helianthus . Sunflower (a)**

Tall growing, large round flower head. **Location:** sun. **Culture:** light loamy soil preferred. **Use:** screening off undesirable vistas, etc., or in mixed borders.

**\* CHRYSANTHEMUM - FLOWERED DOUBLE**—8 ft. Select, double, golden yellow. Pkt. 10c. 1/2 oz. 25c. 1 oz. 40c.

**RED SUNFLOWER**—5 ft. Single red flowers. Pkt. 10c. 1/4 oz. 25c. 1/2 oz. 40c.

**SINGLE STELLA**—3 ft. Gay, yellow petals about dark centers. Pkt. 10c. 1/4 oz. 25c. 1/2 oz. 40c.

**PERKEO (Miniature Sunflower)**—18-24 in. Small both in flower and plant. Small yellow flowers with dark eye. Pkt. 10c. 1/4 oz. 25c.

**Helianthemum . Rock or Sun Rose (p)**

**MUTABLE**—Low-growing evergreen plants forming large clumps, completely covered with bloom during late summer. Pale rose changing to lilac, then to white. 8 to 12 inches. Mixed. Pkt. 10c. 1/2 oz. 25c. 1/4 oz. 40c.

**Hibiscus . Mallow Marvels**

4 ft. A wonderfully improved form of our native Marshmallow in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. Excellent for background planting, along drive-ways, etc.

**GIANT FLOWERED PINK.**

**GIANT FLOWERED RED.**

**GIANT FLOWERED WHITE, crimson eye.** Any of the above—Pkt. 10c. 1/4 oz. 30c.

**GIANT FLOWERED MIXED**—Pkt. 10c. 1/4 oz. 25c. 1/2 oz. 40c.

**Heuchera . Coral Bells (p)**

**SANGUINEA**—One of the finest hardy perennials. These plants are widely used for borders and massing, reaching a height of 1 1/2 feet. From an attractive deep green mat of leaves, rise graceful, slender stalks upon which are borne clusters of tiny bell-like flowers of a rich, bright coral red. Pkt. 25c. 1/16 oz. 75c. 1/4 oz. \$1.25.

**Heliotrope (p)**

Everyone loves the rich fragrance and beauty of heliotrope. **Location:** full sun to partial shade. **Culture:** ordinary soil. **Use:** excellent for bedding plants in summer; desirable pot-plants during winter.

**\*MARINE**—15 to 20 inches. Extra deep marine blue. Large flower heads and compact growth. Pkt. 15c. 1/4 oz. 40c.

*Double Hollyhock***Helichrysum . Strawflower (a)**

Among the most popular hardy annual "everlastings". Very attractive when growing in the garden and also fine for drying. Flowers intended for drying should be gathered when partially unfolded and suspended with their heads downward in a cool place. Height 2 to 3 feet.

**SILVER BALL**—White.

**GOLDEN BALL**—Yellow.

**FIRE BALL**—Red.

**VIOLET QUEEN**—Violet.

**SALMON QUEEN**—Salmon pink.

Each of above—Pkt. 10c. 1/4 oz. 30c. 1/2 oz. 50c.

**MIXED**—All colors. Pkt. 10c. 1/4 oz. 25c. 1/2 oz. 40c. 1 oz. 75c.

**Hollyhock . Althaea (p)**

Improved strains of this old fashioned flower make it still a popular perennial of the easiest culture. **Location:** sun or partial shade. **Culture:** grows in any soil, forcing deep tap roots down into the hardest clay. **Use:** Along walls, etc., and in background of borders.

**\*IMPERATOR (New) (Crested Begonia Hollyhock)**—Very large, double blooms, with deeply fringed outer petals, and a very double crested rosette in the center. Includes many charming color combinations of choice delicate tints. Pkt. 15c. 1/2 oz. 50c. 1/4 oz. 85c.

**TRIUMPH**—Flowers with attractively waved and fringed petals. Splendid and rich colors. Pkt. 15c. 1/2 oz. 45c. 1/4 oz. 75c.

**CHATER'S CHOICE DOUBLE STRAINS**—One of the most popular, with large very double flowers.

**Maroon, Scarlet, Deep Rose, Salmon Rose, White, Yellow, \*Newport Pink** (outstanding watermelon pink), Mixed. Pkt. 10c. 1/4 oz. 60c.

**Collection**—1 pkt. each of 6 separate shades, 50c.

**ANNUAL INDIAN SPRING**—Quick bloomer. Colors light pink and rose; semi-double flowers. Pkt. 15c. 1/2 oz. 45c. 1/4 oz. 75c.





*Ipomoea, Scarlett O'Hara*  
(Morning Glory)

### **Humulus (α)**

**JAPONICUS (Japanese Hop)**—This rapid summer climbing annual plant makes a dense, luxuriant covering, and is one of the best for covering a veranda, trellis, or such places where attractive coverage is desirable. Pkt. 10c, ¼ oz. 25c, ½ oz. 40c.

**Hunnemannia . Santa Barbara**  
Poppy, Bush Eschscholtzia,  
Mexican Tulip Poppy (α)

**\*SUNLITE**—The semi-double flowers are unique in that the extra band of petals is produced on the outside of the tulip-shaped flower rather than on the inside, thus making them appear open, showing, its full splendor to advantage at all times. The flowers are of a sparkling lemon yellow on a 2-foot bush of light grey green. Pkt. 15c, ¼ oz. 50c, ½ oz. 85c.

**Iberis . Perennial Candytuft (p)**

Dwarf evergreen plants, 6 to 10 inches high.

**SEMPERVIRENS**—A profuse, white-blooming hardy perennial, coming into flower early in the spring. Pkt. 15c, ¼ oz. 50c, ½ oz. 85c.

**Ice Plant, Mesembryanthemum (p)**

**CRINIFLORUM (Livingstone Daisy)**—The plants which are of slightly spreading habit, are literally covered with daisy-like flowers, measuring about 2 inches, of the most delightful shades imaginable. Wide variety of shades. Pkt. 25c, 1/16 oz. 50c, ½ oz. 85c.

**CRYSTALLINUM**—Foliage very ornamental, being covered with ice-like globules and prized for garnishing; a valuable plant for dry, sunny situations on banks, rockwork, old walls, etc. Height 6 in. Pkt. 10c, ¼ oz. 25c, ½ oz. 40c.

**TRICOLOR (Pink Flowering Ice Plant)**—These produce an abundance of showy pink single blossoms that glisten in the hottest sunshine. Pkt. 10c, ½ oz. 40c, ¼ oz. 70c.

### **Impatiens . Sultan's Balsam (α)**

An old-fashioned plant making a tremendous comeback in popularity at the present. **Location:** extremely colorful for bedding in shady or semi-shady locations. **Culture:** all garden soils suitable. **Use:** very free flowering habit, together with the dwarf compact habit of the two strains listed below, make this one of the present "finds" for showy bedding. Fine for pots.

#### **\*DWARF SULTANI BRIGHT CARMINE**

—4-6 inches. Flowers very prolifically. A dwarf form of this familiar bright rose variety. Pkt. 25c, 3 pkts. 65c.

**\*DWARF SULTANI MIXTURE** — 6-8 inches. A bright mixture of colors in this dwarf class. Pkt. 25c, 3 pkts. 65c.

### **Ipomoea . Morning Glory or Moonflower (α)**

The most outstanding annual climbing vines, being widely used since the introduction of several splendid new varieties during the past few years. Huge shallow funnel-shaped flowers. **Location:** full sun or at least good morning sun. **Culture:** scratch or notch seed to hasten germination. Plant direct in desired location as morning glories do not transplant readily. Any soil — never apply fertilizer. **Use:** make a gorgeous mass of color all summer and fall for fences, pergolas, sides of garages, trained across porches, etc., or growing up into trees.

**\*HEAVENLY BLUE (Clark's Mammoth Early Free Flowering Strain** — Clear sky-blue with golden colored throat—a color of pure unrivalled beauty. Extremely early, makes a sparse growth of foliage, and is heavily covered with flowers, 5-6 inches in diameter. Pkt. 15c, ¼ oz. 35c, ½ oz. 60c.

**\*PEARLY GATES, Silver Medal, All-America Awards for 1942** — A sport from, and identical in growth, foliage and bloom, except white in color, with the variety Heavenly Blue listed above. Enormous flowers, 4½ inches across, of clear shining white. **Suggestion:** Plant with Heavenly Blue and Scarlet O'Hara for red, white and blue effect. Pkt. 25c, 3 pkts. for 65c.

**\*CORNELL** — So named because it reproduces the colors of Cornell University. Giant Cornelian red flowers with a pure white border. Flowers measure from 3-4 inches across. Pkt. 15c, ¼ oz. 40c.

**SCARLET O'HARA**—Large flowered, brilliant carmine-red variety. Pkt. 15c, ¼ oz. 35c.

**IMPERIAL JAPANESE MORNING GLORY**—Extra large fringed flowers in bright shades of rose, pink, and cerise; good climbing habit. Pkt. 10c, ½ oz. 20c, 1 oz. 35c.

### **Kenilworth Ivy (p)**

**LINARIA CYMBALARIA**—A fine hardy perennial trailing plant with small bright green leaves and flowers of lavender with orange lips. It resembles English Ivy in miniature form and is especially adapted for hanging baskets, window boxes or for trailing over walls. Pkt. 15c, ¼ oz. 85c.



*Ipomoea, New Cornell*  
(Morning Glory)

### **Kochia . Summer Cypress, Burning Bush (α)**

**TRICHOPHYLLA**—An easily-grown annual, resembling a close-clipped ornamental evergreen. The globe shaped or pyramidal bushes are close and compact and of a pleasing light green color. Turns red in fall. Pkt. 10c, ½ oz. 25c, 1 oz. 40c.

### **Kudzu Vine . Pueraria thunbergiana (p)**

A pretty climber with rosy-purple Wisteria-like flower clusters and large bean-like foliage. Starts new growth from the crown of the roots each year. Slow growing at first, but when established, they grow 40 feet or more each season. Pkt. 10c, ¼ oz. 25c, ½ oz. 40c.

### **Lantana (p)**

This desirable half hardy perennial is very desirable in beds and borders. It is constantly in bloom, supplying a beautiful array of fragrant verbena-like blossoms in orange, rose, white, crimson and yellow.

**DWARF HYBRIDS MIXED**—Splendid large flowers in wonderful colors are borne profusely on plants 18 to 20 inches tall. Pkt. 10c, ¼ oz. 30c, ½ oz. 50c.

### **Lathyrus Latifolius . Perennial Sweet Pea (p)**

This sturdy free flowering perennial sweet pea bears typical handsome pea flowers in large clusters of 8 to 10.

**Red, Pink, White Pearl**—Pkt. 10c, ¼ oz. 35c.

**Mixed**—Pkt. 10c, ¼ oz. 25c.



*Hardy Candytuft*



**Larkspur (α)**

Erect, bushy plants, bearing delphinium-like spikes of double flowers. **Location:** sun or light shade. **Culture:** very hardy, growing in a variety of soils; prefers rich soil heavy in humus. Sow seed direct during fall and winter months for best results. **Use:** mixed borders (in the background), or in rows along buildings, etc.

**SUPER-MAJESTIC LARKSPUR (New)**—6 ft. A glorious new strain of larkspur, with huge spikes, and large, fully double flowers closely packed on the spikes. Invaluable for tall border or background work. As important a development in larkspur, as Pacific Giant Hybrids were to Delphinium.

**SUPER-MAJESTIC LAVENDER**—Huge double blossoms of rich lavender.

**SUPER-MAJESTIC ROSE-PINK**—Extreme vigor; rose-pink.

**SUPER-MAJESTIC WHITE**—Pure glistening white.

**SUPER-MAJESTIC MIXED**—All colors in this new class.

Any of the above—Pkt. 25c, 3 pkts. for 65c.

**IMPERIAL OR BASE BRANCHING**—Outstanding class of varieties. Tall, upright, compact, basal branching in habit, with dense spikes 4 to 5 ft. long.

\***Blue Bell**—Clear mid-blue; excellent.

\***Blue Spire**—Strong deep violet blue.

**Carmine King**—Carmine-rose.

**Exquisite Pink Improved**—Fine soft pink.

\***Gloria Improved**—Bright rose-pink; the best rose obtainable.

**Los Angeles Improved**—Bright salmon-rose; fine habit.

\***Sweet Lavender**—Fine strong spikes and large double flowers of clear even lavender.

\***White King**—Finest white; large flowered and pure in color.

Any of the above—Pkt. 15c, ¼ oz. 40c, ½ oz. 75c.

**Collection**—1 pkt. each of above 8 separate shades, 85c.

**Giant Imperial Finest Mixed**—Our best mixture. Pkt. 15c, ¼ oz. 35c, ½ oz. 60c, 1 oz. \$1.00.

**Lavatera . Mallow (α)**

**LOVELINESS (Splendens)**—A most attractive early flowering annual. 12 to 15 inches high with 2 inch single Hollyhock-like flowers of a deep salmon-rose. Pkt. 10c, ½ oz. 30c, ½ oz. 50c.

**Lavender . Lavandula vera (p)**

1½ ft. Lovely fragrant lavender-blue flowers largely used when dry in scented bags, etc., for their sweet odor. Pkt. 10c, ¼ oz. 35c, ½ oz. 60c.

**Lemon Verbena (p)**

An old favorite with fragrant evergreen leaves. Pkt. 10c.

**Leptosiphon (α)**

**FRENCH HYBRIDS**—Free flowering, useful for edging and rockwork. Plants are thickly studded with charming bright flowers of various colors. Height 4 to 6 inches. Pkt. 15c, ¼ oz. 50c.



Larkspur, Super-Majestic

**Leptosyne . Sea Dahlia (α)**

\***MARITIMA**—Rich golden yellow flowers resembling Marquerites, borne on long stems. 2 feet tall. Pkt. 10c, ¼ oz. 40c.

**Linaria (α)**

This delightful class of annuals bears flowers which resemble miniature Snapdragon.

\***FAIRY BOUQUET MIXED**—A newly improved strain. The flowers are quite large, of bright colors and make excellent plants for edging and are wonderful for rock gardens. Highly recommended. Pkt. 15c, ½ oz. 60c.

**Linum . Flowering Flax (α)**

**RUBRUM (Scarlet Flax)**—One of the most brilliantly colored of the summer annuals. Flowers glowing crimson-red. Beautiful in beds and borders. Height 1 foot. Pkt. 10c, oz. 35c.

**PERENNIAL FLAX**—Bright blue flowers. 18 inches. Pkt. 10c, ¼ oz. 25c.



Lobelia, Crystal Palace

**Lobelia (α)**

5-6 inches. Small bushy green plants completely covered with the daintiest of small blue flowers. **Location:** semi-shade or any place protected from hot afternoon sun. **Culture:** not particular as to soil, as long as soil is kept constantly moist. **Use:** one of the loveliest of all summer edging plants; pots, and window-boxes.

**COMPACTA STRAINS FOR EDGING**—6-8 inches. All of the following are of dwarf compact habit.

**Cambridge Blue**—Lovely pale sky-blue; very dwarf growth. Pkt. 25c, ¼ oz. 85c, ¼ oz. \$1.50.

\***Crystal Palace**—The standard variety. Very dwarf deep blue with dark bronzy green foliage. Pkt. 10c, ¼ oz. 50c, ¼ oz. 85c.

\***Opal**—Light blue with contrasting white eye. Although slightly stronger growing than other compact varieties, Opal is of much freer flowering habit. Pkt. 15c, ¼ oz. 85c.

**PENDULA LOBELIA**—Of trailing or pendulous habit.

\***Hamburgia**—Deep blue with dark green foliage. Pkt. 10c, ¼ oz. 50c.

**PERENNIAL LOBELIA (Cardinalis)**—3 ft. Long tapering spikes of cardinal red flowers. Pkt. 25c, 3 pkts. for 65c.

**Lunaria biennis . Honesty or Money Plant**

A most novel and lovely plant grown for the silvery-white, paper-like flattened partitions of the round seed pods, which, when dried, make attractive winter decorations. Plant in early spring for best results. Of the easiest culture. Flowers are purple. Pkt. 10c, ¼ oz. 30c.

**Lupinus . Lupines**

Long, graceful spikes of pea-shaped flowers. **Location:** sun or semi-shade. **Culture:** sow seeds in fall or early spring direct; do not transplant well. Well fertilized, moist, sandy-loam soil. Will rot in heavy saturated soil. **Use:** mixed and perennial borders.

**GIANT KING VARIETIES (Improved Hartwegii (α))**—3 ft. Base-branching plants, each bearing six to eight very large spikes.

\***Oxford Blue**—Standard rich deep blue.

**Heliotrope**—Pleasing rosy-purple.

**Sky Blue.**

**White.**

Any of the above—Pkt. 10c, 1 oz. 50c.

Mixed—Pkt. 10c, 1 oz. 45c.

**Polyphyllus . Hardy Lupine (p)**

\***RUSSEL STRAIN (Miracle Flowers)**—Extraordinary colors; many new shades never before seen in lupines. The standard is one color; the keel another. Individual flowers above average size, with the upright standard an inch across. Unusually long closely set flower spikes. Pkt. 15c, ¼ oz. 50c.

**Lychnis . Rose Champion (p)**

**HAAGEANA**—Handsome hardy perennial plant of easy culture, for massing in beds and borders; will bloom the first year if sown early. Brilliant orange, scarlet crimson, etc. Twelve to 18 inches. Pkt. 15c, ¼ oz. 50c.





Marigold Gigantea, Sunset Giants

**Marigolds . Tagetes (a)**

Due to numerous and substantial improvements in both the African and French marigolds they are yearly becoming more popular as garden subjects. Their very vigorous habit, prolificness, and extremely long blooming period make them a must item for every garden, being valuable for bedding, cutting and pot plant work. **Location:** full sun—the warmer the better. **Culture:** thrive in any type of soil, from the poorest to well fertilized loam. **Use:** bedding, mixed borders, in rows along fences, etc., for pots, or any spot where brilliancy of color over a long summer period is desired.

**AFRICAN MARIGOLDS****The New Super-Giant Strains**

**\*SUNSET GIANTS (Gigantea)** — The largest flowers of all marigolds averaging from 5 to 8 inches across. Of carnation-flowered type, long stemmed, and in a variety of shades from golden orange to lemon. May be disbudded for truly giant size for cut flower purposes. Have a definitely sweet fragrance. Height from 5 to 7 feet. **Pkt. 15c, 1/4 oz. 35c, 1/4 oz. 60c.**

**\*ORANGE SUNSET (Gigantea)** — A segregant from the above famous Sunset Giants. Color a rich, deep, lively orange. Strong growing, upright, branching plants. We know you will be delighted with the unusual flower size, and trueness to type and color of this fine strain. **Pkt. 15c, 1/4 oz. 70c.**



Pot o' Gold

**CARNATION FLOWERED CLASS**—Flowers of very loose and graceful formation having imbricated or overlapping petals. Tall growers. Valuable as cut flowers.

**\*GOLD (An odorless marigold)** — 2 1/2 ft. Same deep golden orange color and of similar habit to the well known Guinea Gold, but with completely odorless foliage. Glorious deep orange double blooms, 3 1/2 inches across, with the long petals loosely and artistically arranged. **Pkt. 15c, 1/4 oz. 35c, 1/4 oz. 60c.**

**\*GIANT YELLOW SUPREME (New) (Colchicine Induced)**—A grand new variety developed by the latest method of plant breeding — the Colchicine treatment. Blossoms of rich saffron yellow average four inches across. Of deeper color, larger, and much more attractive than the parent, Yellow Supreme. **Pkt. 25c, 3 pkts for 65c.**

**ALL-DOUBLE or FISTULOSA CLASS**—The flowers are large and solid or quilled petalled in formation.

**\*All-Double Orange** — Produces 85-90% fully double flowers, the balance semi-double. This elimination of singles makes them very valuable for bedding and cutting purposes. **Pkt. 15c, 1/4 oz. 35c, 1/4 oz. 60c.**

**\*All-Double Lemon** — Same trueness to type as all double orange. **Pkt. 15c, 1/4 oz. 35c, 1/4 oz. 60c.**

**All-Double Mixture**—Mixture of the two All-Double varieties above. **Pkt. 10c, 1/4 oz. 25c, 1/2 oz. 40c.**

**DWARF AFRICAN MARIGOLDS**—12-18 inches. A new class, dwarf in habit, and most effective in borders or beds, where a low growth is desirable. Very free and continuous flowering.

**\*POT O'GOLD (Dwarf Gigantea)** — A dwarf counterpart of the famous Sunset Giant Marigolds. The blooms are about 4 inches in diameter and the color is a rich shade of bright deep golden orange. **Pkt. 15c, 1/4 oz. 75c.**

**FRENCH MARIGOLDS (Dwarf Small Flowered)**—12-18 inches. A valuable class for bedding, edging, and pot culture. Small, ball-shaped, double blooms, are freely borne on dwarf compact plants.

**\*Spry**—10 inches. An extra dwarf variety with a 12-15 inch spread. Clear yellow center with mahogany red guard petals. Most profuse blooming of all marigolds. **Pkt. 15c, 1/4 oz. 35c.**

**\*Butterball—Bronze Medal, All-America Trials for 1942**—6-10 inches. Similar to the above variety, but a bright canary-yellow. Uniform, and of early and continuous flowering habit. **Pkt. 25c, 3 pkts. for 65c.**

**Harmony**—Attractive scabious-like double flowers. A striking deep orange center, with maroon red outer petals. Dwarf and free flowering. One of the best and most widely known. **Pkt. 15c, 1/4 oz. 35c, 1/2 oz. 60c.**

**Marvel of Peru . Four O'clock (a)** A hardy annual of the easiest culture. Sow in open and thin to 18 inches apart. Flowers are closed until afternoon; 3 feet.

**MIXED**—All colors. **Pkt. 10c, oz. 25c.**

**Matthiola (a)**

**BICORNIS (Evening Scented Stock)**—This old-fashioned annual has no beauty to recommend it, the flowers being a dull, purplish-lilac, but grown for the entrancing fragrance which it emits during the evening. 18 inches. **Pkt. 10c, 1/4 oz. 20c, 1/2 oz. 30c.**

**Matricaria . Feverfew (p)**

Very decorative in beds or borders and fine for cutting. Dainty white button-like flowers in terminal clusters. Long blooming.

**BALL'S DOUBLE WHITE**—This is the only fully double flowering pure white strain of Feverfew from seed. **Pkt. 25c, 1/4 oz. 85c.**

**Mesembryanthemum . See Ice Plant****Mignonette (a)**

Branching plant, with dark green leaves, and spire-like racemes of extremely fragrant flowers. **Location:** sun or shade. **Culture:** sow direct; does not transplant readily. **Use:** invaluable for its fragrance, and combination with other flowers in bouquets.

**\*BALL STRAIN**—1 1/2 ft. The best strain for cut flower use. **Pkt. 25c, 3 pkts. for 65c.**

**MACHET**—For summer bedding purposes. **Golden Goliath**—True gold color. **Pkt. 10c, 1/4 oz. 50c.**  
**Goliath Red**—Large intense red spikes. **Pkt. 10c, 1/4 oz. 50c.**

**Mina (a)**

**LOBATA**—An annual climber of luxurious growth attaining a height of 20 to 30 feet in a season. Produces attractive tube-shaped flowers; the buds being first bright red, then changing through orange-yellow to creamy white when fully expanded. **Pkt. 20c, 1/2 oz. 30c.**

**Mimosa . Sensitive Plant (a)**

**PUDICA**—Curious and interesting plant with globular heads of small pinkish-white flowers; the leaves close and droop when touched or shaken. 12 to 18 inches. **Pkt. 10c.**



French Marigold, Harmony



**Mimulus (a)**

Good for very moist, shady locations in the garden. 6-12 inches high.

**TIGRINUS (Monkey Flower)**—Attractively tigered and spotted flowers in red, orange, and yellow shades. Pkt. 15c.

**MOSCHATUS (Musk Plant)**—Pkt. 10c.

**Momordica**

**BALSAM APPLE (Balsamina)**—10 ft. Curious climber. Creamy white flowers spotted brown, followed by round, apple-shaped, golden yellow warted fruits, with blood-red pulp. Used to make salve. Pkt. 10c. 1 oz. 50c.

**BALSAM PEAR (Charantia)**—Long pear-shaped golden yellow fruits with black seeds enclosed in a carmine pulp. Used medicinally. Pkt. 10c. ¼ oz. 20c, 1 oz. 50c.

**Myosotis . Forget-me-not**

Ever cherished for their short spikes of dainty blue flowers. **Location:** sun or half shade. **Culture:** adapted to all ordinary soils. **Use:** exquisite in spring for edging, masses in mixed border, but particularly for combination work in beds of tulips, daffodils, hyacinths, or other spring bulbs. In such beds sow seed or transplant in between bulbs when bulbs first start to break through ground.

**ANNUAL VARIETIES**

\***BALL'S EARLY BLUE (New)**—An excellent quick growing variety. Used for either cutting, pot plant, combination, bedding purposes, or in association with bulb crops. Pkt. 15c, ½ oz. 50c.

\***ROYAL BLUE**—12 inches. Deep rich, indigo blue. Pkt. 10c, ¼ oz. 40c.

**ROSEA**—12 inches. Rose color. Pkt. 10c, ¼ oz. 40c.

**PERENNIAL VARIETIES**

\***PALUSTRIA SEMPERFLORENS** — A most exquisite shade of azure blue, with flowers borne in sprays. Of creeping or spreading habit. Fine for a moist or shady spot. Blooms all spring and summer. Highly recommended. Pkt. 15c, ½ oz. 60c.

**Nasturtiums (a)**

The double sweet-scented nasturtiums have glorified these old favorites. Brilliant colors, free flowering habit, good stems for cutting, and extreme hardiness, make them indispensable for any garden. **Location:** sun preferred. Will stand some shade. **Culture:** the easiest to grow probably of any annual. All type soils satisfactory. Plenty of water main requisite. **Use:** fences, trellises, hanging baskets, pots, etc. The dwarf types are fine for bedding, masses in the mixed border, etc. In general, where quick color or fast growth is needed, depend on nasturtiums.

**TALL DOUBLE FRAGRANT VARIETIES**—Semi-trailing in habit, and the varieties to use for trellises, window boxes or pots, cutting, or unrestricted bedding.

\***Golden Glean**—The original and still the leading double golden yellow. Pkt. 10c. 1 oz. 25c, ¼ lb. 60c.

\***Scarlet Glean** — Bright orange-scarlet. Pkt. 10c, 1 oz. 25c, ¼ lb. 60c.

*Forget-Me-Not*

\***Indian Chief**—Foliage dark green, vivid scarlet flowers. Pkt. 10c, ½ oz. 40c, 1 oz. 65c.

\***Gleam Hybrids**—A brilliant mixture of all double varieties. Pkt. 10c, 1 oz. 25c, ¼ lb. 60c.

**DWARF DOUBLE FRAGRANT VARIETIES**

—12-15 inches high. These varieties are as fully double and of the same size as the Gleam type above, but the plants are compact and dwarf, and make a neat rounded growth. Superior for bedding, edging, or where restricted growth is required.

\***Golden Globe**—Double golden yellow. Pkt. 10c, 1 oz. 25c.

**Scarlet Gem**—Luminous scarlet. Pkt. 10c, 1 oz. 25c.

**Dwarf Double Gem Mixture**—All colors in this dwarf class. Pkt. 10c, 1 oz. 25c, ¼ lb. 65c.

**SINGLE VARIETIES**—Use where vigorous climbing or trailing growth is required.

**Tall and Trailing Single Mixed**—Pkt. 10c, ¼ lb. 45c.

**Nemesia (a)**

**STRUMOSA GRANDIFLORA (Suttoni)**—This hardy little annual about 12 inches high is an excellent edging plant. The plants are covered with dainty flowers in rich warm tones of red, yellow and orange. Oftentimes the lower lobes of the blossoms are beautifully spotted.

Rose, Scarlet, \*Orange, \*Blue—Pkt. 20c, ½ oz. 85c.

Mixed—Pkt. 15c, ½ oz. 60c.

**Nemophila . Baby Blue Eyes (a)**

These hardy California wild flowers grow around 6 inches high, producing cup-shaped flowers about 1 inch across. They are found in varying shades of blue, maroon, white and scarlet.

**Insignis (Baby Blue Eyes)**—Pkt. 10c, oz. 30c, ¼ lb. \$1.00.

**Nicotiana . Flowering Tobacco (a)**

Long, tube shaped, petunia-like flowers, the petals of which form a beautiful five-pointed star. **Location:** Full sun. **Culture:** Any type soil. **Use:** Free and continuous

bloomer throughout summer and fall. Very fragrant, particularly during evenings and nights.

\***CRIMSON BEDDER**—15 inches. Deep crimson red. Makes a very compact growth and very free flowering. Pkt. 15c, ¼ oz. 60c, ½ oz. \$1.00.

**AFFINIS HYBRIDS**—2½ ft. A hybrid mixture of many shades in the tall large flowering type. Pkt. 10c, ¼ oz. 30c, ½ oz. 50c.

**Nierembergia . Blue Cup Flower (p)**

\***PURPLE ROBE**—New—Bronze Medal. All-America Trials for 1942. 6 inches. *Nierembergia coerulea* was one of the outstanding introductions of recent years. Yet in full sun the lavender-blue color faded somewhat. Purple Robe, a selection from this former variety, overcomes this drawback, in being several shades deeper blue, or violet blue in color. Prefers full sun, sandy loam, and makes a grand border and edging subject. Pkt. 25c, 3 pkts. for 65c.

**COERULEA or HIPPOMANICHA**—The original variety, of bright lavender-blue color, deepening some in slight shade. Dwarf compact growth, and free flowering habit. Pkt. 25c, 1/128 oz. 60c.

**Nigella . Love-in-a-Mist (a)**

A compact, free-flowering annual plant growing about 1 to 1½ feet high, with finely cut foliage, curious looking flowers and seed-pods. Of easy culture.

**MISS JEKYLL**—A lovely variety, bearing on long stems large semi-double flowers of a corn-flower blue, nestling in fine feathery foliage. Pkt. 10c, ½ oz. 25c.

**Oenothera . Evening Primrose (b)**

**LAMARCKIANA**—2½ ft. Large, bright golden yellow, single poppy-like flowers which open at dusk, and last well into the following day. Of the easiest culture in any sunny location. Pkt. 10c, ¼ oz. 25c, ½ oz. 40c.

*Double Sweet Scented Golden Glean*





Pansy

▲  
Use  
**BEARMOR  
FERTILIZER**  
for  
Annuals  
and  
Perennials  
▼



Primrose Malacoides (The Fairy Primrose)

## PANSIES (a)

The most popular and best sellers of all spring plants. A must requirement for every garden, be it only a window box or large estate. **Location:** full sun to moderate shade. **Culture:** all types of soil, well-fertilized and provided with sufficient moisture, prove entirely satisfactory. **Use:** bedding, edging, pots and window boxes, and always admirable in combination with spring bulbs, and all early flowering shrubs and plants.

**LAGOMARSINO'S SPECIAL PANSY MIXTURES**—Pansies, existing in many different strains and mixtures, have been highly bred and developed to a high degree of perfection in both form and color of flower. We take pride in offering the following mixtures as the most superior of world pansy strains now on the market.

**\*LAGO SUPER GIANT FLOWERING MIXED**—Our extensive trials each year of pansies the world over, convince us this special formula mixed strain is the best all-purpose strain available. Giant flowers, compact growth, and all colors in proportion. Pkt. 25c, 1/16 oz. \$1.00, 1/8 oz. \$1.75, 1/4 oz. \$3.25.

**SWISS GIANTS MIXED**—A magnificent mixture of high prominence. One of the best. Pkt. 25c, 1/16 oz. 75c, 1/8 oz. \$1.75, 1/4 oz. \$3.25.

**\*GENEVA SUPER GIANT MIXED**—A most outstanding mixture of Swiss Giant Pansies, particularly for the bright light colors and exquisite shadings. Highly recommended. Pkt. 25c, 1/16 oz. \$1.00, 1/8 oz. \$1.75, 1/4 oz. 3.25.

**\*CANADIAN GIANTS (Improved Maple Leaf Giants)**—New. The largest pansies in existence—the Maple Leaf Giants were always known for this character, but lacked choice colors, particularly in the lighter shades. This strain is an excellent im-

provement, with uniformly larger flowers, and more complete and bright color mixture. Pkt. 25c, 1/16 oz. \$1.25.

**\*DWARF SWISS GIANTS MIXED**—The same exquisite mixture as the regular Swiss Giants, but the plants are considerably dwarfier. Acclaimed by many as the most desirable type for all-around garden purposes. Pkt. 25c, 1/16 oz. \$1.00, 1/8 oz. \$1.75, 1/4 oz. \$3.25.

**RUFFLED MASTERPIECE MIXED**—The petals are conspicuously crinkled or ruffled, having the unique feature of appearing double. Pkt. 25c, 1/16 oz. 45c, 1/8 oz. 80c, 1/4 oz. \$1.40.

### SWISS GIANT PANSIES IN SEPARATE COLORS

**\*Coronation Gold (New)**—The best extra dwarf, large flowered, pure golden yellow pansy obtainable. Pkt. 25c, 1/16 oz. 85c, 1/8 oz. \$1.50.

**Alpenglow**—Rich garnet red. Pkt. 25c, 1/16 oz. 85c, 1/8 oz. \$1.50.

**\*Fire Beacon**—Unusual shade of bright wallflower-red. Pkt. 25c, 1/16 oz. \$1.00.

**Rheingold**—Large yellow with brown blotch in center. Pkt. 25c, 1/16 oz. 85c, 1/8 oz. \$1.50.

**\*Lake of Thun**—Fairly deep blue, of rich hue, with dark center. Pkt. 25c, 1/16 oz. 85c, 1/8 oz. \$1.50.

**Mont Blanc**—The finest dwarf pure white. Pkt. 25c, 1/16 oz. 85c, 1/8 oz. \$1.50.

**Special Collection**—1 pkt. each of any 5 varieties of separate colors; value \$1.25, for \$1.00.

### BABY PANSY (New)

**\*Baby Delight**—Plants are dwarf and compact, and the blooms are a lovely light blue color. Waved petals. Excellent for bedding, rockeries, or plant boxes. Pkt. 15c, 1/8 oz. 65c.

## Primula Primrose

The various classes of primroses, some annuals and other perennials, are extensively and effectively used for pot work of all types, edging and bedding, and rock gardens. **Location:** best usually in moderate shade. **Culture:** any type soil will prove satisfactory, but a large amount of humus material must be incorporated into soil for satisfactory results.

**PRIMULA OBCONICA (a)**—The most colorful of all varieties for pot work. Fine for sun porches, protected patios, etc.

**Finest Mixed**—Pkt. 25c.

**PRIMULA MALACOIDES (Baby Primrose) (a)**—Excellent for the mixed border, either for edging, or in combinations with daffodils, stocks, pansies, etc., 10-18 inches tall. Fine for pots plants also.

**\*Rosea Superba**—Finest extra large flowered and compact bright orchid rose. This variety is best in its color class. Pkt. 25c.

**Finest Mixed**—Pkt. 15c, 1/32 oz. 50c.

**PRIMULA VERIS POLYANTHUS (Bedding Primroses) (p)**—The recommended class for garden use. One of the most charming of all spring garden plant materials. Rosettes of dark green leaves from which arise stalks 8-10 inches in height, bearing large clusters of dainty brilliant colored flowers. Long lasting and ever outstanding for edging, or especially in combination with any spring blooming material, such as bulbs, etc.

**\*Giant Munstead Strain**—A good standard strain. Large flowers and clusters in rich shades of yellow. Pkt. 25c.

**\*Coerulea**—Soft blue shades. Pkt. 25c.

**\*Rubra**—Brilliant ruby-red. Pkt. 25c.

**\*Polyanthus, Unwin's Superb Mixed**—We consider this superb English strain the most unsurpassed mixture of Polyanthus Primroses. Pkt. 25c.

**Pentstemon . Beard Tongue (p)**

A hardy perennial but will produce freely spikes of brightly colored and spotted tubular flowers the first year if seed is sown early. They are splendid for garden display, growing 2 feet high, and also furnish invaluable cut flowers.

**Gloxinoides Mixed (Sensation Improved)**—Pkt. 15c, 1/16 oz. 50c, 1/8 oz. 85c.

**Blue Gem**—Flowers are very bright blue, particularly desirable for rockeries, growing 1 1/2 ft. high. Pkt. 25c, 3 pkts. for 65c.

**PETUNIAS (a)**

Petunias are unquestionably the most popular of all summer flowering annuals. What other annual will give a perfect riot of color from early spring through late fall, thrive under adverse conditions, and give good results on soil unsuited for growing any other good flower? **Location:** full sun; the giant ruffled and double types will stand partial shade. **Culture:** the poorest soil is satisfactory. The giant types should have a well enriched soil for best results. **Use:** there are varieties suitable for all purposes—bedding, edging, pots and window boxes, and masses in mixed borders.

**THE TALL HYBRIDA OR SINGLE CLASS**  
(18-24 inches)

Varieties in this class make fairly tall heavy branching growth, excellent for large beds, patches in vacant lots, or ornamental pots, growing well under all unfavorable conditions. The flowers are as large, or in most cases larger, than the Dwarf Hybrida varieties listed below.

**\*HOWARD'S STAR IMPROVED**—Velvety crimson with white star. Highly attractive for bedding. Pkt. 10c, 1/8 oz. 50c.

**FLAMING VELVET** — Rich velvety red. Pkt. 15c.



Primrose, Polyanthus

**GENERAL DODDS** — The ever-popular strong rose red. Pkt. 10c, 1/8 oz. 50c.

**HOLLYWOOD STAR**—Attractive rose with amber throat. Flowers of distinct star formation. Pkt. 15c.

**\*RADIANCE (New) 1941 All-America Silver Medal Winner**—Rich rose or cerise color with brown veined yellowish throat. Pkt. 25c.

**\*ROSE KING IMPROVED** — Deep clear rose pink. Pkt. 15c.

**\*TOPAZ ROSE**—The leading variety of the entire group. Deep brilliant rose with golden throat. Pkt. 15c.

**HYBRIDA CHOICE MIXED**—A Lago for mula mixture of all the best colors. Pkt. 10c, 1/8 oz. 50c.

**THE DWARF HYBRIDA SINGLE CLASS**  
(Nana Compacta) 12-14 inches.

A class of varieties recommended highly for bedding and edging or low border purposes where a uniformly dwarf compact growth is desired. This is the most popular class of all-around bedding petunias. Ever popular for pot work, etc., with their dwarf habit, and numerous single blooms.

**\*ADMIRAL**—The most attractive of all the blue bedding petunias, because of its choice shade of blue, and dwarf habit. Flowers are nicely ruffled; color a rich violet blue. Pkt. 25c, 3 pkts. 65c.

**\*CELESTIAL ROSE**—The largest selling variety of any bedding petunia. A popular deep rose of very bright color and uniformly dwarf habit. Excellent. Pkt. 10c, 1/8 oz. 85c.

**COCKATOO** — Violet blue, irregularly marked and starred white. Pkt. 25c, 1/16 oz. 60c, 1/8 oz. \$1.00.

**GLOW (New)**—An intense glowing carmine-rose. Very showy, free blooming, and uniformly dwarf. Called "The American Beauty Petunia." Pkt. 15c, 1/16 oz. 50c, 1/8 oz. 85c.

**\*HEAVENLY BLUE**—Light silvery blue. An excellent bedding variety, and uniform as to color and habit. Pkt. 25c, 1/16 oz. 60c, 1/8 oz. \$1.00.

**\*KING HENRY**—Rich ox-blood crimson. Very large flowers. Very compact plants. Our trials of it the past two years warrant us saying—the best red bedding variety now available. Pkt. 25c, 3 pkts. for 65c.

**NORMA** — Violet blue with white star. Choice bedding type. Pkt. 25c, 3 pkts. 65c.

**ROSE OF HEAVEN**—A well known variety of rose-pink color. Differs from Celestial Rose in being not quite so uniformly dwarf. Pkt. 10c, 1/8 oz. 40c, 1/4 oz. 70c.

**\*ROSY MORN IMPROVED** — Deep rose with large white throat. Differs from the original in that the rose coloring is deeper, and habit some stronger. Pkt. 10c, 1/8 oz. 50c, 1/4 oz. 85c.

**\*FIRST LADY (New)**—A variety proven to be an outstanding attraction because of its choice light or bluish pink color—an original one in dwarf bedding varieties. Compact and exceptionally free flowering. Pkt. 25c, 1/128 oz. \$1.00.



Petunia, Giants of California

**\*TOPAZ QUEEN (New)** — The most sensational petunia of recent development. A brilliant dazzling scarlet rose. Its strong growth and vivid color give it number one place as the most showy of all bedding petunias. Pkt. 25c, 3 pkts. for 65c.

**\*SALMON SUPREME**—Dwarf light salmon rose. A very novel variety, and different from the usual type. Pkt. 25c, 1/128 oz. 60c.

**\*WHITE PERFECTION**—A very true dwarf compact immaculate white. Pkt. 25c, 3 pkts. for 65c.

**DWARF HYBRIDA BEDDING MIXTURE**—Mixed from only the choice separate named varieties listed above. Pkt. 10c, 1/8 oz. 45c, 1/4 oz. 75c.

**THE BALCONY OR TRAILING CLASS**  
(18 inches)

These varieties are trailing rampant plants for window boxes, hanging pots and baskets, terraces, etc.

**\*BLACK PRINCE (Crimson Red), \*BLUE STAR (dark blue, white star), ROSE, WHITE, and MIXED.** Pkt. 15c, 1/16 oz. 50c.



Petunia, Hollywood Star





*Petunia, Dwarf Elk's Pride*

### THE LARGE FLOWERED FRINGED CLASS (Grandifloras) (12 inches)

Semi-compact growth with beautifully fringed flowers. Where good growing conditions are provided they are excellent for bedding or grouping in the mixed border. Excellent for pots.

**\*LACE VEIL**—Richly fringed pure clear white. Many of our clients used this with extreme effectiveness in their gardens this past summer. A leader. **Pkt. 25c.**

**\*SETTING SUN**—Excellent clear rose. Among the best. **Pkt. 25c.**

**\*THEODOSIA**—A heavily fringed rose-pink with golden yellow throat. **Pkt. 25c.**

### THE LARGE FLOWERED RUFFLED CLASS (Grandiflora) (12 inches)

Similar to the above class, but the flowers waved and ruffled instead of fringed. Fine bedding and pot plant varieties are found in this class.

**\*DWARF ELK'S PRIDE**—The deluxe of purple petunias. Lovely deep violet purple blooms beautifully ruffled or waved. **Pkt. 25c, 3 pkts. for 65c.**



*Petunia, Theodostia*

**\*WHITE QUEEN (New)**—Extra large ruffled clear white. For either bedding or pot plants White Queen is the preferred white variety. **Pkt. 25c, 3 pkts. for 65c.**

**\*QUEEN OF THE MARKET**—Deep carmine scarlet. Very effective for its depth of brilliant color. **Pkt. 25c, 3 pkts. for 65c.**

### THE SUPER GIANT FLOWERED (SUPERBISSIMA) or RUFFLED GIANT CLASS (12 inches)

The largest flowered petunias in existence. Flowers are distinctly ruffled with large deep open throats heavily veined in a most attractive manner. Unexcelled for bedding and pot use.

**\*COPPER RED, DARK**—A most fascinating dark coppery-crimson. **Pkt. 35c.**

**\*GERMAN EMPRESS**—Richly contrasting colors of bluish white with dark purple throat. **Pkt. 35c.**

**\*PRINCE OF WURTEMBERG**—Light rose pink with veined dark throat. **Pkt. 35c.**

**\*MARILYN (SALMON BEAUTY)**—Bright salmon-pink. The most attractive color in this class and comes 100% true to color. **Pkt. 35c.**

**\*GIANTS OF CALIFORNIA, SPECIAL MIXED**—The best of the mixed Giant Ruffled strains, with uniformly large flowers and unusual choice colors. **Pkt. 35c, 1/128 oz. 85c, 1/64 oz. \$1.50.**

**\*DWARF GIANTS OF CALIFORNIA OR RAMONA STRAIN**—The same as above only dwarf in habit of growth. **Pkt. 35c.**

### THE DOUBLE GIANT RUFFLED AND FRINGED CLASS (12 inches)

**\*SHEPHERD'S MARVELOUS DOUBLE**—An exquisite double fringed fancy mixture, producing a large percentage of doubles and some singles. **Pkt. 50c, 3 pkts. \$1.25.**

#### VARIOUS TYPES

**MARTHA WASHINGTON**—Dwarf rounded growth, slightly ruffled flowers of light pink with reddish veined throat. **Pkt. 20c.**

**BETSY ROSS**—Companion variety to above but color deep crimson red. **Pkt. 20c.**

### Platycodon . Balloon Flower (p)

Very handsome plants for the perennial border or for planting among shrubbery. Produces very showy flowers which in the bud have the appearance of inflated balloons. Easily grown from seed.

**GRANDIFLORA BLUE**—Large, steel-blue flowers; 2 feet. **Pkt. 15c, 1/64 oz. 45c.**

### Passiflora

#### Passion Flower (p)

A very beautiful perennial climber. Grows luxuriantly either from seed or cuttings. Very effective with its attractive sky-blue flowers and rich green foliage. The flowers are later followed with an abundance of handsome fruit. Height 15 to 20 feet. **Pkt. 10c.**



*Petunia, Blue Brocade*

### THE NEW ALL-DOUBLE CLASS King of all Petunias

An accomplishment of high order. All plants produce double flowers, about 80% fully double, the balance semi-double, but no singles appear. Varieties in this class are finding extensive use with admirable results for bedding, pot use, etc. The toast of all petunias.

**\*ALL-DOUBLE BLUE BROCADE**—Dwarf bushy growth, fully double rich velvet-like violet-blue blossoms. **Pkt. 50c, 3 pkts. \$1.25.**

**\*ALL-DOUBLE BRILLIANCY (New)**—Deep carmine-rose. Much more dwarf and compact than any of the other all-double petunias. Greatly improves the former variety Pink Perfection or World Beauty. **Pkt. 50c, 3 pkts. \$1.25.**

**\*ALL-DOUBLE VICTORIOUS MIXTURE**—The superb mixture. Dwarf growth, giant all-double fringed flowers. **Pkt. 50c, 3 pkts. \$1.25.**

### Pyrethrum . Painted Daisy (p)

Large daisy-like blooms. Lovely basal clump of fern-like foliage. **Location:** Somewhat shaded location. **Culture:** Well drained loose soil heavily fertilized with Nutrio. Easily grown from seed. **Use:** Of great value in the perennial border.

**ROSEUM**—The standard class.

**\*Robinson's Hybrids**—Petals in rose and red, about golden centers. Superb strain. **Pkt. 25c, 1/8 oz. \$1.00.**

**\*Robinson's Dark Crimson**—Magnificent dark crimson, and extra large flowered. **Pkt. 25c, 1/8 oz. \$1.00.**



*Petunia, Betsy Ross*



Pyrethrum

**\*Double Mixed**—An excellent strain that requires two-year-old clumps to produce its fully double flowers. Pkt. 20c 1/16 oz. 50c.

**AUREUM (Golden Feather)**—1 ft. Bright yellow foliage and small, ball-shaped, white blooms. Fine for edgings. Pkt. 10c, 1/4 oz. 25c, 1/2 oz. 40c.

**Physalis . Chinese Lantern Plant**

**\*FRANCHETTI GIGANTEA (New)** — A most outstanding introduction which can be highly recommended. The attractive orange-scarlet balloon seed pods are of the same color as the well-known Franchetti, but are twice as large. For all who like this fine winter decorative plant, this is the improved strain to plant. Pkt. 15c, 1/4 oz. 65c.

### Physostegia . False Dragon Head (p)

**VIRGINICA**—One of the prettiest of the hardy perennials bearing erect spikes of delicate pink tubular flowers; 3 feet. Pkt. 10c, 1/4 oz. 40c.

### Phlox Drummondii (a)

Annual strains of phlox cannot be beaten for trueness to type, ease of culture, and brilliant positive colors. **Location:** sun—partial shade. **Culture:** a light soil or a heavy soil which has been lightened through use of humus material. Best results obtained from sowing seed direct when soil warms up in spring. Doesn't stand transplanting well, if roots are disturbed in any way. **Use:** edging principally; massing, and ground cover also.

**DRUMMONDI GIGANTEA**—12-18 inches. A comparatively new type in tall phlox, and superior to all older strains such as the grandiflora varieties. Flowers 50 per cent larger than former varieties. Very strong growing and free flowering.

**\*RED GLORY** — Honorable Mention. All-America Trials for 1942. The brightest color we have ever seen in phlox. A brilliant red with a large creamy white eye which seems to intensify the red into an unbelievable sharpness. If not unfavorably grown, the florets will be as large as a half dollar. Pkt. 25c, 3 pkts. for 65c.



Phlox Gigantea, Red Glory

**Rosy-Morn (New)**—A particularly bright clear rose-pink with a large white eye. Pkt. 15c, 1/16 oz. 35c 1/4 oz. 60c.

**Salmon Glory** — Soft salmon-rose with creamy white eye. Pkt. 15c, 1/16 oz. 35c, 1/4 oz. 60c.

**\*Art Shades Mixture**—The large flowered mixture, all of soft pastel shades with central white eyes. Pkt. 15c, 1/16 oz. 35c, 1/4 oz. 60c.

**NANA COMPACTA STRAIN**—6-8 inches. Of very dwarf compact growth, extremely clever for edging and low bedding use.

**\*Cecily Mixed**—A most even and uniform large-flowered dwarf mixture. Pkt. 15c, 1/4 oz. 65c.

## POPPIES

(Papaver)

Lovely spring flowering subjects coming in both annual and perennial varieties. **Location:** semi-shade or morning sun preferable in our warm interior valley sections. Any location in our foothill and mountainous sections. **Culture:** a well-drained soil of light texture or loosened with humus. Sandy soils preferred. Plant direct, or start seeds in small pots, transplanting in this manner, as poppies will not transplant if the roots are disturbed in any way. **Use:** edging, low bedding, masses or groupings in mixed borders.

### ANNUAL STRAINS

**SHIRLEY (Papaver rhoeas)**—18 in. Bushy plants, bearing silky petalled blossoms, often fluted.

**\*American Legion**—A single poppy of dazzling scarlet, with white cross at center. Pkt. 10c, 1/4 oz. 25c, 1/2 oz. 40c.

**Shirley Mixed**—A formula mixture of all colors in the Shirley class. Pkt. 10c, 1/4 oz. 20c, 1/2 oz. 30c.

### PERENNIAL STRAINS

**ICELAND POPPIES (Papaver nudicaule)**—18 inches. Medium large single satiny flowers, of rich pastel colors. Compact bushy plants.

**\*The Emperor**—Brilliant orange. Large flower size, and long stiff wiry stems. Pkt. 20c, 1/4 oz. 75c.

**\*Yellow Wonder**—Large buttercup yellow. Pkt. 20c, 1/16 oz. 60c.

**\*Unwin's Giant Coonara Strain**—The most outstanding mixture; extra large flowers, long stiff stems, bright delicate pastel shades. Pkt. 25c, 3 pkts. for 65c.

**ORIENTAL POPPIES (Papaver orientale)**—2-3 feet. Huge cup-shaped flowers with crinkled petals and large decorative seed pods.



Iceland Poppies

**\*Olympia** — Light scarlet-orange, with semi-double flowers. Pkt. 25c 3 pkts. 65c. **Mixed**—All colors of oriental poppies. Pkt. 10c, 1/4 oz. 30c, 1/2 oz. 50c.

### Portulaca . Moss Rose (a)

Six inches. Flowers are like little roses. Forms a dense thick carpet, 4 to 6 inches tall. **Location:** Sunny. **Culture:** Any type soil with adequate drainage. Sow seed direct. Barely cover as seed is very fine. **Use:** For a brilliant display in low borders, edgings, beds, rock gardens, ground covers or between stepping stones, nothing can excel portulaca.

**DOUBLE FLOWERED CLASS**—The preferred class of varieties, producing 85-90 per cent true double flowers.

**Red**—Large scarlet-red blooms.

**Yellow**—Soft orange-yellow.

**Salmon**—Exquisite shade.

Any of the above: Pkt. 15c, 1/16 oz. 40c, 1/4 oz. 70c.

**Mixture**—Special mixture of all brilliant Portulaca colors in the double type. Pkt. 15c, 1/4 oz. 50c, 1/2 oz. 85c.

### Rhodanthe . Swan River Everlasting (a)

Silky, straw-like flowers in shades of red, pink, and white. Lovely material to dry for winter or may be used as fresh flowers during the summer. Pkt. 10c, 1/4 oz. 25c, 1/2 oz. 40c.

### Ricinus . Castor Oil Bean (a)

Very fast growing, tall large leaved plants. Good for tall hedges and windbreaks.

**\*CRIMSON SPIRE**—Large purplish leaves changing to bronzy green. Stems, stalks, and veins rich red. Seed spikes and seed pods brilliant rosy crimson. The showiest of all varieties. Pkt. 10c, 1 oz. 30c.

### Romneya . California Tree Poppy (p)

**COULTERI**—Also well known as the Matilija Poppy. A beautiful and stately perennial. The flowers are large, 4 to 5 inches across; pure white, crinkled like crepe paper, with a fine bunch of yellow stamens; resembles white single peonies. Pkt. 10c.





*Scabiosa, Imperial Giants, Blue Moon*

**Rudbeckia . Coneflower (p)**  
**HIRTA AUTUMN TINTS**—Bronzy autumn shades. 4 inch flowers; petals stand out, do not droop. Pkt. 10c.

### RANUNCULUS, Giant Flowered (p)

If seed is sown early in fall, plants will bloom the following spring. However, plants will be at their best the second year from "roots" or bulbs formed the first year. The large double blooms come in many brilliant colors. Exquisite in spring for cut flowers, border and bedding work. Require well-drained moist soil. Pkt. 15c, 1/16 oz. \$1.00.

### Scabiosa . Pincushions or Mourning Bride

For hardiness, prolificness, and cut flower material, the newer varieties of Scabiosa should find an ever increasing use in the garden. **Location:** full sun. **Culture:** all types of soil will produce vigorous plants of the hardy scabiosa. **Use:** fine in rows, background of borders in groupings, or the perennial varieties for low bedding or groups in borders.

#### Annual Varieties

**\*BLUE MOON**—Attractive lavender-blue color, with extra large fully double blossoms; long wiry stems. Pkt. 15c, 1/4 oz. 45c.

**\*AGERATUM BLUE**—The standard large flowered azure blue. Pkt. 10c, 1/4 oz. 25c.  
**FIRE KING**—Fiery scarlet. Pkt. 10c, 1/4 oz. 30c.

**KING OF THE BLACKS**—Deep rich maroon. Pkt. 10c 1/4 oz. 30c.

**\*LOVELINESS**—Large flowered deep salmon-pink. A fine variety to use for cut flowers. Pkt. 15c, 1/4 oz. 30c.

**SHASTA IMPROVED**—Pure white. Pkt. 10c, 1/4 oz. 30c.

**\*GIANT HYBRIDS MIXED**—A special strain containing only the choice large flowered varieties. Pkt. 10c, 1/4 oz. 25c, 1/2 oz. 40c.

#### Perennial Varieties

The following perennial scabiosa varieties are perfectly hardy, early and long flower-

ing, larger flowered than the annual forms and among the best for cut flower material.

**SCABIOSA CAUCASICA**. Isaac House Strain—Shapely lilac-blue flowers, 2-4 in. across, borne on long graceful stems. Pkt. 25c, 1/4 oz. 85c.

**COLUMBIA LAVENDER**—Bushy plants, 2 1/2 ft. in height, and delicate lavender-blue flowers. Pkt. 15c, 1/4 oz. 60c.

**COLUMBIA PINK**—Soft pink flowers 2-2 1/2 inches across. A companion variety to the above. Pkt. 15c, 1/4 oz. 60c.

**Schizanthus . Butterfly Flower or Poor Man's Orchid (a)**

Beautiful bushy plants with finely divided foliage, and hundreds of butterfly-like blooms. **Location:** Cool shady location. Start seeds early so plants will flower before warm summer weather. **Culture:** Requires loose, well fertilized loam, or good pot soil if grown in pots. **Use:** Mainly for pot culture. Also for beds and borders.

**\*PANSY-FLOWERED (Danbury Park Strain)**—The only true pansy-flowered strain on the market. Soft pastel shades. Comes true to the desirably lovely flat pansy-like flowers. Pkt. 25c, 3 pkts. for 65c.

**DR. BADGER'S IMPROVED HYBRIDS**—Extra large flowered strain with choice colors and medium dwarf habit. Pkt. 25c, 1/16 oz. 60c.

### Scarlet Runner Beans (a)

Largely grown for its attractive scarlet flower clusters, but is also quite palatable. Pkt. 10c, 1/2 lb. 25c 1 lb. 45c.

### Sedum . Stonecrop (a)

**COERULEUM**—A pretty creeping annual with dainty racemes of charming pale blue flowers. A splendid subject for the rockery. Pkt. 25c, 1/32 oz. 70c.

### Sidalcea (p)

**RYBURGH'S HYBRIDS**—Handsome herbaceous perennial producing numerous miniature Hollyhock-like spikes of flowers from June until fall. Flowers come in a wide range of colors. Height 4 feet. Pkt. 15c, 1/4 oz. 50c.

### Smilax (p)

A climbing perennial with beautiful, bright green, glossy leaves much esteemed for its long, delicate sprays of foliage. Does well in shady places. Pkt. 10c, 1/4 oz. 30c.

**Snapdragon . See Antirrhinum**

**Snow on the Mountain . See Euphorbia**

**Silene Pendula . Catchfly (a)**

Pretty dwarf hardy annual; plants used mostly for borders, growing 6 inches high. Easily grown. Sow seed in fall or spring. Mixed colors. Pkt. 10c, 1/4 oz. 25c.

**Solanum . Ornamental Pepper or Christmas Cherry (a)**

**CHRISTMAS CHERRY (a)**—Brilliant compact plants filled with red cone-shaped fruits all during the fall and winter months. Used extensively as house plants. Likewise desirable for ornamental pot use in patios, porches, window-boxes, etc.

**\*CHRISTMAS PEPPER (Reselected Strain)**—Compact plants with a profusion of brilliant purple and red cone-shaped fruit. Selected for absolute evenness and large brilliantly colored fruit. Pkt. 25c, 3 pkts. for 65c.

**Solanum . Jerusalem Cherry (a)**  
**CLEVELAND RED**—Very useful plants for house or garden. It is of dwarf, branching habit; leaves small and oval-shaped, bearing in the greatest profusion bright scarlet, globular berries. Very ornamental. Pkt. 15c, 1/4 oz. 30c.

### Stevia Serrata (a)

This is a very free flowering annual and bears a profusion of its pure white fragrant flowers all summer and fall. Largely used for cutting. Pkt. 10c.

**Stokesia . Cornflower Aster (p)**

**CYANEA**—This is a beautiful hardy perennial. The plants grow from 18 to 24 inches high, flowering from early summer to late fall. The plant produces 20 to 30 handsome lavender-blue cornflower-like blossoms 4 to 5 inches across on long stems. Valuable for cutting. Pkt. 10c, 1/4 oz. 40c, 1/4 oz. 70c.

**Sweet Rocket . Hesperis (p)**

This hardy perennial grows 2 to 3 feet high and bears spikes of showy fragrant white, lilac and purple flowers. It is excellent for naturalizing among shrubbery or for planting in a permanent border. Mixed—Pkt. 10c, 1/4 oz. 30c.

**Strawflower . See Helichrysum**

**Summer Cypress . See Kochia**

**Sunflower . See Helianthus**

### Salpiglossis (a)

2 1/2 ft. Lovely large, trumpet-shaped flowers of velvety texture, the colors charmingly penciled, netted and veined with golden yellow, crimson and purple. **Location:** Full sun. **Culture:** Requires somewhat of a loose type soil, heavily enriched with humus (Nutrio). Sow seed direct. Does not transplant readily. Otherwise, sow seed in pots, and transplant without disturbing roots. **Use:** Ideal for bedding; lovely cut flower material.

**EMPEROR**—3 ft. The tall kind especially for cutting. Likewise use for tall bedding.

**Brown and Gold.**

**Rose Crimson and Gold.**

**Scarlet and Gold.**

**Violet and Gold.**

**White and Gold.**

**Yellow and Gold.**

**Finest Mixed.**

Any of the above: Pkt. 10c, 1/4 oz. 30c.



*Salpiglossis Emperor, Rose, Crimson and Gold*

## SALPIGLOSSIS—(Continued)

**DWARF GIANT FLOWERED (New)**—20 inches. Excellent for bedding and borders.  
**Blue and Gold.**  
**Scarlet and Gold.**  
**Dwarf Exquisite Mixed.**  
 Any of the above: Pkt. 15c, 1/4 oz. 50c.

**Salvia . Flowering Sage**

The advent of numerous new strains of salvia is adding impetus to their wide use in gardens for brilliant edging, tall bedding, and pot use with excellent varieties adapted for these purposes. From our past season's trials, we offer the following as the most uniform brilliant varieties.

**Annual Varieties**

**\*AMERICA (GLOBE OR FIRE)**—22 inches. The standard dwarf bedding variety of vivid scarlet. Absolutely even in growth, being valuable for edging, pot work, or dwarf bedding. Pkt. 25c, 1/4 oz. 75c, 1/4 oz. \$1.25.

**\*SPLENDENS TALL**—3-5 ft. The standard fall blooming strain, producing huge spikes of masses of large scarlet flowers. Pkt. 10c, 1/4 oz. 40c, 1/4 oz. 70c.

**Perennial Varieties**

**FARINACEA, Blue Bedder (Blue Salvia)**—3-4 ft. Spikes of small, tubular light blue florets, dusted with a powdery bloom. Pkt. 10c, 1/4 oz. 40c, 1/4 oz. 70c.

**Sanvitalia (a)**

**CREeping ZINNIA**—An annual of dwarf, compact growth; useful in masses in beds, or edges of borders or in baskets, etc. Small double yellow flowers produced in abundance all summer. 6 inches. Pkt. 10c, 1/4 oz. 35c, 1/4 oz. 60c.

**Saponaria . Bouncing Bet**

**OCYMOIDES (p)**—Very showy hardy perennial rock plant, producing during the summer months masses of small, bright rose flowers. 9 in. Pkt. 15c, 1/4 oz. 35c.

**VACCARIA (a)**—A pretty and useful annual variety, grows about 2 ft. high, and bears masses of satiny pink flowers somewhat like an enlarged Gypsophila; fine for cutting. Pkt. 10c, 1/4 oz. 35c.

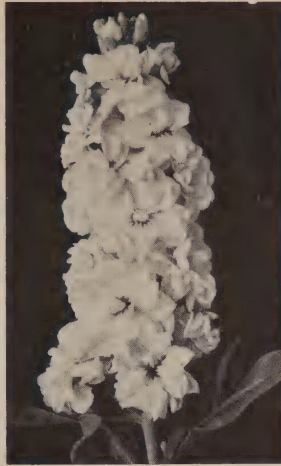
**Saintpaulia . African Violet**

**IONANTHA GRANDIFLORA**—Free blooming and long flowering ideal pot plant. The plants are dwarf with leaves resembling those of Gloxinias. The flowers are a beautiful violet blue with golden anthers resembling very much in form those of the popular garden violet but being larger. Ideal for the house, conservatory, or for protected cool spots in the garden. Pkt. 50c.

**Stocks . Gillyflower (a)**

One of the most valuable flowering materials obtainable for northern California. **Location:** sun preferred; slight shade. **Culture:** plant in fall and winter for spring bloom. This is the best time in our warm valley sections. Plant in late spring for fall bloom. Soil must be well drained, and rich in texture. Will stand heavy soils if lightened with humus (NUTRIO). **Use:** bedding, mixed borders, and especially fine in combination with all spring flowering bulbs, and other such materials.

**DOUBLE DWARF TEN WEEKS**—12 inches. Varieties in this class are very compact in growth, and used admirably for edging, low bedding or as pot plants. Not good for cutting.

*Stock, Giants of California*

**Blood-red, Canary Yellow, Carmine Pink, Deep Rose, Lavender, Purple, and White.** Each of the above: Pkt. 10c 1/4 oz. 55c, 1/4 oz. \$1.00.

**Mixed Colors**—Pkt. 10c, 1/4 oz. 50c.

**GIANT IMPERIAL OR IMPROVED BISMARCKS**—2 ft. Varieties in this class are the most popular and widely used—the standard class. Long stems, large flower spikes, and a high percentage of doubles. Fine for bedding and cut flowers.

**Antique Copper**—Fine copper-red.

**\*Chamois**—Clear chamois pink.

**\*Elk's Pride**—Rich deep purple.

**\*Golden Ball**—Ivory yellow.

**\*Lavender**—Clear lilac-lavender. Fine.

**\*Lilac**—Bright lilac blue.

**\*Rose**—True rose-pink.

**\*Shasta**—Pure white.

Any of the above: Pkt. 15c, 1/4 oz. 75c, 1/4 oz. \$1.25.

**Collection**—1 pkt. each of the above 8 separate colors, \$1.00.

**\*Imperial Mixed**—Our special formula mixture. Pkt. 15c, 1/4 oz. 60c, 1/4 oz. \$1.00.

**\*GIANTS OF CALIFORNIA, "The World's Best Doubles"**—2 1/2-3 ft. The varieties in this class comprise a magnificent new group, and so marked an improvement over the above Giant Imperial class that we believe they will be the leading stocks of the future. Stronger growth and enlarged flowers in comparison to the above group. Much finer, likewise, for cutting purposes. This class justifies our unrestrained recommendation.

**\*Yosemite**—Bright rose-pink; a strong clear color, with extra vigorous growth.

**\*Pacific**—Dark blue with long stem growth.

**\*Santa Maria**—Without exception the best pure white, and the top variety of the class.

**Mixture**—Of all colors in this new class. Any of the above: Pkt. 25c, any 3 pkts. for 65c.

**Statice . Everlasting Sea Lavender**

A very desirable class of everlasting flowers, fine for the garden, and valuable as cut flower material in flower arrangement work, especially when dried and used in winter bouquets. **Location:** sun. **Culture:** grows in any soil, requiring little water. Sow seeds in early spring.

**Annual Varieties**

**SUWOROWI (Russian or Rat Tail Statice)**—Long cylindrical or "rat-tail" like spikes of blooms of bright rose-pink color. Pkt. 10c, 1/4 oz. 35c, 1/2 oz. 60c.

**SINUATA**—One of the prettiest of this class of everlastings. Stiff stalks bear dense groups of dainty blossoms in graduated rows.

**\*Market Grower's Blue**—3 ft. Fine even deep blue. A very excellent strain.

**\*Lavender Queen**—3 ft. An excellent new color and a fine grower. A very pleasing shade of pastel lavender.

**Bonduelli or Yellow**—2 1/2 ft. Large yellow flowers.

**\*New Hybrids Mixture**—2 1/2 ft. A most attractive mixture of all the standard colors as well as many new hybrid shades.

Any of the above: Pkt. 10c, 1/4 oz. 30c.

**Perennial Varieties**

Extremely hardy varieties, lovely as fillers for bouquets. Some of these varieties as noted below are excellent for cut flowers when dried, and dyed different colors.

**\*CASPIA**—3 feet. One of the best of all perennial Sea Lavenders. Very vigorous in habit, with 3-foot stems carrying innumerable minute flowers of lilac color. Fine for floral arrangements. Pkt. 15c, 1/4 oz. 50c.

**\*LATIFOLIA (Sea Lavender)**—30 in. Slender branched panicles of small, filmy, pale violet flowers. Fine to dry, and may be dyed lovely colors. Pkt. 10c, 1/4 oz. 35c.

**PUBERULA**—8 to 10 in. Similar to the above variety, Latifolia, but of dwarf form. Sprays of flowers may be dried. Pkt. 20c, 1/16 oz. 75c.

**Sweet William . Dianthus barbatus**

Grand old-fashioned garden favorites with large showy flower-heads composed of numerous good-sized individual blooms. **Location:** Sun or slight shade. **Culture:** Any type soil. **Use:** Excellent in mixed border arrangements.

**\*HOLBORN GLORY**—Striking combination of deep crimson with white. Pkt. 10c, 1/4 oz. 30c, 1/2 oz. 50c.

**\*NEWPORT PINK (Pink Beauty)**—Most attractive rich pastel shade. A deep salmon-rose. Pkt. 10c, 1/4 oz. 25c, 1/4 oz. 40c.

**SCARLET BEAUTY**—Rich velvety scarlet. Pkt. 10c, 1/4 oz. 25c, 1/4 oz. 40c.

**\*GIANT WHITE (New)**—Enormous trusses which might well be mistaken for perennial phlox. Individual flowers almost twice the size of ordinary varieties. Pkt. 10c, 1/4 oz. 50c.

**SINGLE VARIETIES, MIXED**—Considered more attractive than the double sorts. Pkt. 10c, 1/4 oz. 25c, 1/2 oz. 40c.

**DOUBLE VARIETIES MIXED**—Pkt. 10c, 1/4 oz. 25c, 1/4 oz. 40c.

**MIDGET MIXED**—6-8 inches. Clever dwarf Sweet William for edging, rockeries, etc., with dense heads of single Sweet William flowers. Attracting wide praise by gardeners. Pkt. 15c, 1/4 oz. 50c.





*Thithonia Speciosa Grandiflora, Fireball*

### **Thalictrum . Meadow Rue (p)**

**DIPTEROCARPUM**—A hardy perennial of vigorous growth, 4 to 5 feet high. Dainty graceful sprays of flowers, elegantly arranged on stems 4 feet high; invaluable for cutting; the flowers are a charming shade of violet-mauve, which is brightened by a bunch of lemon-yellow stamens and anthers. Pkt. 15c. ½ oz. 50c.

### **Tagetes . See Marigold**

### **Thithonia . Golden Flowers of the Incas or Mexican Sunflower (a)**

5-7 ft. Since its introduction from Mexico, this flower has captivated California gardeners. The extreme vigorous growth and prolific blossom habit make it a "real find" for the fall garden when floral material is becoming scarce. **Location:** full sun. **Culture:** grows on the poorest soil. Stake plants to prevent blowing over. Sow seed direct; does not transplant well. **Use:** tall growing and branching, therefore useful for screening, against fences and buildings, and background of borders. Blooms lavishly in fall and, hence, invaluable for this sparse garden season.

**FIREBALL (New)**—Dazzling scarlet. Pkt. 15c. ½ oz. 50c.

**SPECIOSA** — Dazzling orange-vermilion. Pkt. 15c. ½ oz. 35c. ¼ oz. 60c.

### **Thunbergia (a)**

Excellent for an outdoor climber or for hanging baskets.

**\*ALATA OR BLACK-EYED SUSAN** — A fine annual climber, making a dense growth and producing an abundance of flowers in shades of yellow, buff, and orange—all with black centers. Pkt. 15c. ¼ oz. 30c. ½ oz. 50c.

**GIBSONI**—More restricted growth than the above variety, Alata. Extra large flowered rich deep orange. Pkt. 35c.

### **Torenia . Wishbone Flower (a)**

**FOURNIERI**—A splendid plant for vases, hanging baskets, borders, etc., covered the entire season with a mass of bloom. Sky-blue, with three spots of dark blue, bright yellow center. 4 to 6 inches. Pkt. 15c. 1/16 oz. 35c. ¼ oz. 60c.

### **Tritoma . Red-Hot Poker, Torch Lily (p)**

Very handsome and showy border plants. Flowers borne in compact form on stout 3 and 4 foot stems, having the appearance at a distance of orange and red colored spear heads. Hardy perennials.

**MIRABILIS HYBRIDS**—Yellow and orange shades. Pkt. 15c. ½ o. 35c. ¼ oz. 60c.

### **Ursinia (a)**

**ANETHOIDES** — 10 in. Brilliant single orange flowers with purple center. Early flowering, used either for spring bedding or pot use. Pkt. 15c. 1/16 oz. 35c. ½ oz. 60c.

### **Valeriana . Centranthus (p)**

Showy, hardy border plants; producing large corymbs of red or white flowers; fine for bouquets; mixed; 2 feet. Pkt. 10c. ¼ oz. 30c. ½ oz. 50c.

### **Veronica . Speedwell (p)**

Long spikes of brilliant blue flowers, excellent for growing in shady places requiring plenty of moisture.

**LONGIFOLIA** — Handsome heads of rich violet-blue. 2 ft. Pkt. 15c. ½ oz. 50c. ¼ oz. 85c.

### **Viola Cornuta . Miniature Pansies (a)**

6 inches. As easily grown as pansies, early, and very free flowering. **Location:** sun and half shade. **Culture:** any type soil, well enriched with humus (NUTRIO) and plants fertilized at least once during growing season. **Use:** lovely spring material for edging, bedding, and in association with all spring blooms, particularly bulbs. Fine for rock gardens, and near pools.

**\*ARKWRIGHT RUBY** — Maroon-scarlet with dark center. A highly attractive bright color.

**BLUE PERFECTION**—Fine light blue.

**\*CHANTREYLAND**—One of the best varieties. Extra large flowered true apricot. Improves the old well-known variety Apricot.

**\*JERSEY GEM**—The best deep violet-blue.

**\*LUTEA SPLENDENS**—Clear golden yellow.

**BLUE FLOWERED MIXTURE**—Complete mixture of only the leading varieties. Any of the above: Pkt. 25c, 1/32 oz. \$1.00.

### **Vinca rosea . Periwinkle (a)**

One ft. There are few plants which we have recently tried which will give as much show in color and fresh green foliage, with as little care, and under adverse conditions, as the "new streamlined" varieties of this old periwinkle. **Location:** Full sun. **Culture:** Any type soil; prospers under adverse conditions. **Use:** Flowers all summer and fall. One of the most generally satisfactory outdoor bedding plants to be had.

**\*CRIMSON (Kermesina)**—Bright red, dark green leaves with red stems.

**\*PINK (Rosea)**—The standard medium pink.

**ALBA PURA**—Pure white.

**MIXED**—All colors.

Any of the above: Pkt. 10c, ½ oz. 25c. ¼ oz. 45c.

### **Viola Odorata . Violet (p)**

**SEMPERFLORENS BLUE**—Rich violet blue; extremely sweet fragrance. Very fine for shady spots in the garden, and highly prized as cut flowers. Pkt. 15c. 1/16 oz. 45c.

### **Verbenas (a)**

Any garden may have a lavish ground cover or brilliant carpet of color through the use of Verbenas. **Location:** Full sun. **Culture:** Grow in any soil, but added fertility and copious water make them unexcelled. **Use:** grow them along the front of a flower bed, along a walk or driveway, in beds alone, as ground covers around perennials, or in porch boxes and baskets.

**HYBRIDA GRANDIFLORA**—8 inches. The most perfected class of varieties with very large flowers and dwarf spreading growth.

**\*Crimson Glow**—Extra deep rich crimson.

**\*Dannebrog**—Bright scarlet with large white eye. Most attractive combination.

**\*Ellen Willmott** — Very large flowered salmon pink with white eye.

**\*Floradale Beauty**—Extra large flowered in shades of salmon pink.

**\*Lavender Glory**—Very good large flowered fairly deep lavender.

**\*Roseglow (New)**—Deep rose, shading to orange scarlet without an eye. Like a small foundation of fire. Pkt. 25c.

**\*Rosaea Stellata**—Clear deep pink with white eye. Very vigorous grower, and free flowering.

**\*Royale**—Large flowered rich deep blue with contrasting white eye.

**\*Spectrum Red**—Very bright rich scarlet with no contrasting eye. Lighter and brighter color than Crimson Glow listed above.

**Pure White**—Very even growing strain. Any of the above, with the exception of the variety Roseglow, Pkt. 15c, ½ oz. 50c, ¼ oz. 85c.

**Superb Mixed**—A Lago formula mixture designed to give a brilliant mixed color array. Pkt. 15c, ½ oz. 40c, ¼ oz. 70c, ½ oz. \$1.25.

**COMPACTA**—Varieties in this class have been developed as compact erect growers for border and pot use.

**\*Dark Blue**—6 in. Marine blue. Pkt. 15c. ¼ oz. 60c.

(Continued page 28.)



*Verbena, Brightness*

# SWEET PEAS

*The Most Widely Used Flower Produced From Seed and One of the Five Leading Cut Flowers*

## CULTURAL DIRECTIONS

Select a location, preferably which receives abundant morning sun, and is somewhat protected from warm afternoon sun. This will prolong the flowering season, and induce longer stem formation. The sweet pea is a deep rooted plant, and does best in a deep firm soil. The ground should be thoroughly spaded or trenched to a depth of 2 feet. Apply 1" or more of humus material, such as our specially prepared NUTRIO, to the spaded surface, and work into soil. Dust seed before planting with Cuprocide or Hormodin to prevent rotting of seed, and hasten germination.

Sow seed 1 to 1½ inches deep; two to four seeds to the inch are sufficient. For long rows use this rule: 1 ounce of sweet pea seed will sow 30 feet of row. After plants are up thin out to one plant to every 6-9 inches. Best results are had if they are not allowed to grow too thick. When plants are about 3 inches high pinch out the centers. This encourages a hardy vigorous growth.

Give support to plants at once, otherwise growth is checked. Wire netting, strong string tied to supports in some manner, boughs of trees with plenty of twigs, etc., are all useful and efficient means of support. Keep soil well cultivated at all times. Apply a complete balanced fertilizer, such as BEARMOR, several times during the growing season. Water thoroughly at weekly, or semi-weekly intervals rather than sprinkling often. After the seeds are sown water sparingly to prevent rotting of seeds. Once the peas are up keep soil constantly moist, as this soil condition is ideal for successful growth.

For exhibition blooms, apply liquid fertilizer weekly when the buds begin to form. This is prepared by soaking a sack of cow manure in a barrel of water, stirring each day, and drawing off liquid at the end of a week. Refill barrel with water and proceed, likewise, for subsequent feedings.

Since the late eighties, it is estimated over 2,500 varieties of sweet peas have been introduced. Hundreds of varieties are still catalogued. To aid and simplify this myriad of varieties for you, we carefully observe annual trials, and compile record from reports of specialists. We feel confident, therefore, the following are the top varieties, the ones starred (\*) being of exceptional merit for their respective color classifications.

## OUR SELECTION OF THE GIANT LATE OR SUMMER FLOWERING SPENCERS

The most outstanding class for northern California. Varieties in this class have large, open, wavy blossoms, well placed and facing one way on the stem, and are very long stemmed. They are the late blooming varieties. Plant in November or December for best results in our section.

### CREAM PINK, PINK, AND ROSE SHADES CREAM PINK

\*Jack Hobbs—Flush scarlet pink on cream ground.

Cissie—Pale cream pink.

\*Patricia Unwin—Salmon-pink on a cream ground.

### PINK

Peggy Ann—Salmon-pink.

\*Pinkie—Finest rose-pink; large flowered and long stemmed and a heavy producer.

Miss California—Large salmon-rose.

### ROSE

Brilliant Rose—Warm tyrian rose.

Damask Rose—Deep rose.

\*Rosie—Deep rose-pink.

### RED, SCARLET AND MAROON SHADES RED

\*Red Supreme—Deep crimson.

Rubicond—Crimson scarlet.

### SCARLET

Beattail—Sparkling salmon suffused scarlet.

Campfire—Deep sunproof scarlet.

\*Welcome—The most dazzling of all the scarlets. Strictly sunproof. A robust grower, with bold flowers on stout stems.

### MAROON

Warrior—Deep bronze-maroon.

## BLUE, LAVENDER, MAUVE, AND PURPLE

### MID-BLUE

Capri—The best light blue. Lovely with pink.

\*Chinese Blue—Bright, strong, clear blue.

### LIGHT BLUE

Glencagles—Light lavender blue; daintily frilled.

### DARK BLUE

The Admiral—Navy blue.

### PURPLE

Royal Purple—Large rich purple.

### LAVENDER

Ambition—Fine rosy lavender.

\*King Lavender—Light clear lavender. Exceptional growth and stem.

\*Powerscourt—Fine standard lavender.

### MAUVE

Chieftain—Rich satiny mauve blue.

## WHITE AND CREAM

### WHITE

Avalanche—Finest white-seeded white.

\*Gigantic—Finest late white. Extra large flowered and many duplexed. Black seeded.

### CREAM

Cream Gigantic—Largest cream; black seed.

## ORANGE, SALMON, AND CERISE

### ORANGE

George Shawyer—Orange-pink.

\*Pirate Gold—Golden orange.

### SALMON

Chloe—Deep shell pink on cream ground.

Salmon Gigantic—Giant salmon pink.

\*Smiles—Exquisite shrimp pink tinged with salmon. Great vigor.

### CERISE

Jumbo—Deep cerise.

\*Mrs. A. Searles—Large blooms of bright cerise.

## FANCY AND PICOTEE

### STRIPED

America—Red flaked on white ground.

### FLAKED

The Clown—White, with blood crimson markings.

### PICOTEE

Youth—Pure white with picotee edge of soft pink; especially fragrant, large flowers.

Any of the Above Varieties:

Per pkt. 10c, 1 oz. 25c.

## THE NEW SPRING FLOWERING SPENCER SWEET PEAS

A new class of varieties introduced in 1939, and destined for wide usage and popularity. The chief characteristic of these varieties is their intermediate blooming habit, blooming about ten days later than the Early Flowering Spencers, and about a month earlier than the Late Flowering Spencers. Valuable, therefore, in making a long succession of bloom from winter to summer, if varieties of the three different classes are used, this class filling the "in-between" gap. This new spring flowering type grows much more vigorously and taller than the Early Spencers. Has extra long stems, long season of flowering, and an abundance of blossoms. Plant seed in August, September or October.

We feel the new varieties of this new class are exceptionally worthwhile and merit trial in your garden.

CLEAR PINK (New)—A bright pink with slight cream cast.

MAUVE (New)—Clear soft shade of lilac mauve.

ROSE-PINK—Extra large rose.

LAVENDER—A light even lavender.

BLUE—Fairly dark shade of blue, with extra long stems.

MIXTURE—Mixed mixture of all above.

Any of the above: Pkt. 25c, 3 pkts. for 65c.

## LAGOMARSINO

### GOLDEN WEST MIXTURE

### OF GIANT LATE FLOWERING SPENCER SWEET PEAS

Made up of only the best colors, which are blended in such a way to give a mixture as near perfection as it is possible to obtain. Pkt. 10c; 1 oz. 25c; ¼ lb. 65c; ½ lb. \$1.15; 1 lb. \$2.00.

### SUPERB 7-PACKET LATE FLOWERING SPENCER COLLECTION

One pkt. each of the following 7 varieties: Pinkie, Rosie, Welcome, Capri, King Lavender, White Gigantic and Pirate Gold. Value 70c, for 50c.

## EARLY FLOWERING SPENCER OR WINTER PEAS

Varieties in this class of sweet peas are largely used for greenhouse forcing, and in gardens for very early blooms in late winter or early spring. They are the first varieties to flower. Vines shorter and more delicate than varieties in the Late Spencer class listed above. For the very early blooms for which this class is designed, seed must be planted in August and September.

### BLUE, PURPLE AND LAVENDER BLUE

\*Florist Blue—Best clear blue.

Mariner—Clear marine blue, with scarcely a hint of mauve.

### PURPLE

Amethyst—Rich bright purple.

### LAVENDER

Harmony—Clear lavender.

### CREAM PINK, PINK, AND ROSE

### CREAM PINK

Bridesmaid—Soft silvery pink.

### PINK

\*Ball's Rose Improved—Rich deep rose-pink. Daphne—Soft salmon-pink.

### ROSE

Florist Rose—Pure rose-pink.

Shirley Temple—Soft rich rose-pink. Large daintily frilled flowers.

### CERISE

Apollo—Salmon-cerise.

Sequoia—Golden cerise.

### ORANGE

Valencia—Sunproof orange.

### SALMON

Skippy—Light salmon-pink.

## WHITE AND CREAM

### WHITE

Cascade (White Seeded)—Glistening white.

Hope (Black Seeded)—Fine white; easy to germinate.

### CREAM

Oriental (Black Seeded)—Soft cream.

### CRIMSON

Mars—Oxblood crimson.

Red Giant (New)—Best crimson available.

Excellent.

### BI-COLOR

Columbia—Rose and white bi-color.

Any of the above separate colors:

Pkt. 10c, ½ oz. 30c, 1 oz. 50c.

### LAGO 7-PACKET EARLY FLOWERING SPENCER COLLECTION

One pkt. each of the following 7 varieties: Shirley Temple, Ball's Rose Improved, Hope, Florist Blue, Harmony, Red Giant, and Valencia. Value 70c, for 50c.

LAGO SILVER MEDAL EARLY SWEET PEA MIXTURE—A well-balanced mixture of all the above colors. Pkt. 10c, 1 oz. 35c.

## CUPID SWEET PEAS

A dwarf, small-flowered sweet pea, with verbenal-like habit of growth. Nice for beds, borders, etc. Mixed colors: Pkt. 10c; 1 oz. 30c.



*Venidium Fastuosum***VERBENA**—(Continued)

**\*Fireball**—4.5 in. Fine very dwarf fiery scarlet. Pkt. 15c. 1/8 oz. 60c.

**Violet Bouquet**—Upright symmetrical habit of violet blue color. Cream eye. Pkt. 20c. 1/16 oz. 50c.

**Venidium (a)**

**FASTUOSUM ORANGE (Monarch of the Veldt)**—Deep orange daisy-like flowers, 4-5 inches across, with a double row of petals, the upper row marked at the center with a reddish brown zone. Height 2-3 ft. Pkt. 25c. 1/16 oz. 60c.

**Virginian Stocks . Cheiranthus Maritimus (a)**

These splendid showy little hardy annual plants produce quantities of four petaled single flowers on plants 6 inches high. Their wealth of color in crimson, rose, white, pink and blue shades and their long blooming qualities make them popular favorites in gardens for edgings or for low borders.

**CRIMSON GEM**—A delightful new carmine crimson. Pkt. 10c. 1/4 oz. 25c.

**ROSE**—Beautiful rose shades. Pkt. 10c. 1/4 oz. 20c.

**WHITE**—Pkt. 10c. 1/4 oz. 15c.

**MIXED**—A splendid live glowing mixture of attractive color. Pkt. 10c. 1/2 oz. 25c.

*Virginian Stocks***Viscaria . Rose of Heaven (p)**

Very showy and effective garden annual, producing freely throughout the summer large, single flowers in red, white and blue shades. Height 12 inches. Mixed. Pkt. 10c. 1/4 oz. 25c. 1/2 oz. 40c.

**Wallflower (a)**

Blooming early in the spring, these hardy annuals are always welcomed with their large spikes of spicy fragrant blossoms.

**\*GOLD STANDARD**—Deep rich golden yellow. The best color. Pkt. 15c. 1/8 oz. 50c.

**BLOOD RED**—Deep red. Pkt. 10c. 1/4 oz. 25c.

**\*DOUBLE EARLY WONDER MIXED**—Splendid mixture of large double flowers blooming within 90 days. Pkt. 15c. 1/8 oz. 40c. 1/4 oz. 70c.

**Wistaria (p)**

**CHINESE-FLOWERING**—Tall blue climber. Pkt. 15c.

**Xeranthemum . Everlasting (a)**

Bright and pretty "everlasting", with silvery foliage and silky flowers in pink, white and purple. **Double Mixed**, pkt. 10c. 1/4 oz. 25c.

**Wild Flower Garden Mixture (a)**

A well-balanced mixture of hardy annuals, suitable for planting in odd corners and vacant lots. Pkt. 10c. oz. 30c. 1/4 lb. \$1.00, lb. \$3.00.

**Cut Flower Garden Mixture (a)**

This is made up of all sorts of annuals blended to give a continuous succession of cut flowers from early summer until late fall. Pkt. 10c. oz. 30c. 1/4 lb. \$1.00, lb. \$3.00.

# ZINNIAS (a)

## The Most Luxuriant of all Annuals for Northern California Summers

No other flower will make such a dazzling display all summer and fall in our warm summer temperatures than the Zinnia. All communities in our part of the state should become widely known for lavish displays of brilliant Zinnias in every garden, empty lots, or formerly unsightly area. Glorify the summer beauty of our section for visitors by displays of Zinnias. **Location:** full sun—the warmer the better. **Culture:** sow seed direct or transplant in early spring. Any soil will grow a good crop if plenty of water is provided. Several applications of fertilizer during growing season will bring superb results. Water only from the bottom to prevent mildew in late summer and fall. **Use:** beds of separate colors are particularly fine and breath-taking. Rows, groupings in mixed borders, or in foreground of shrubbery or huge patches in any open area will prove of complete satisfaction.

**DAHLIA FLOWERED GIANTS**—2-3 feet. Extremely robust branching plants, producing enormous double flowers on rigid stalks. The center petals of this class tend to incurve, giving the flower a somewhat deeper and fuller effect than the California Giant class listed below. This is the generally preferred class of Giant Zinnias.

**\*Canary Bird**—A bright clear yellow.

**\*Crimson Monarch**—Extra large crimson red.

**\*Dusam**—Fine deep lavender.

**\*Exquisite**—The best deep rose variety.

**\*Golden Dawn**—Golden yellow.

**\*Golden State**—Rich orangy-yellow, with a deeper center.

**Polar Bear**—Large white.

**\*Scarlet Flame**—A well named deep bright scarlet.

Any of the above: Pkt. 15c. 1/8 oz. 35c. 1/4 oz. 55c.

**Collection**—1 pkt. each of the above 8 separate colors, value \$1.20, for \$1.00.

**\*Lago Gold Medal Mixture**—Our special mixture of the best of all varieties prepared for northern California brilliance. Formulated on basis of our annual trial ground tests for "top" varieties. Pkt. 15c. 1/4 oz. 30c. 1/4 oz. 50c. 1/2 oz. 85c. 1 oz. \$1.45.

**SCABIOUS-FLOWERED ZINNIAS**—2-3 ft. Varieties in this class have flowers resembling the perennial scabiosa—a cushiony center surrounded by broad guard petals. Fairly tall and long stemmed.

**\*THE NEW GIANT CRESTED MIXTURE**—A giant in size with an anemone or crested center. A cross between the Dahlia flowered zinnia and the original small flowered scabious-flowered zinnia. Magnificent color shades. Pkt. 15c. 1/4 oz. 45c. 1/4 oz. 75c.

*New Giant Crested Zinnia*

**CALIFORNIA GIANTS OR GIANT MAMMOTHS**—2-3 feet. Fully as large as the Dahlia-flowered type listed above, but the petals of the flowers are imbricated or are laid back, one over the other, giving the flower a flatter appearance. Neither of these two giant classes come entirely true, however, to these flower effects which differentiate them.

**\*Cherry Queen**—The best of this class and in our trial grounds one of the best separate shades of Zinnias obtainable for our part of the state. A vivid bright orange-cerise.

**\*Daffodil Improved**—Bright canary yellow.

**\*Miss Willmott**—Medium light soft pink.

**Orange King**—Cadmium or orange scarlet.

Any of above separate colors—Pkt. 15c, ½ oz. 30c, ¼ oz. 50c.

Mixture of all California Giant Colors. Pkt. 15c, ½ oz. 30c, ¼ oz. 45c.

**LILLIPUT OR POMPON ZINNIAS**—12-14 in. A most charming and increasingly used class of Zinnias, with plants of bushy habit. Flowers fully double pompons in varied bright colors. Excellent for bedding and low borders.

**\*Canary Gem, \*Crimson Gem, \*Golden Gem, \*Salmon Gem, and \*Valencia** (attractive burnt orange).

Any separate color: Pkt. 10c, ¼ oz. 35c.

**Collection**—1 pkt. each of the above 5 separate colors—value 50c, for 40c.

**Lilliput Pastel Mixture (New)**—Until recently there has been no strictly pastel variety in the Lilliput type. In this new pastel mixture, however, there has been incorporated the very lovely soft shades of apricot, delicate salmon, orchid, etc. Unreservedly the very finest strain available. Pkt. 10c, ¼ oz. 30c, ½ oz. 50c, 1 oz. 85c.



*Zinnia, Lilliput Pastel Mixture*

**FANTASY TYPES**—2 feet. Petals curled and partially quilled; flowers similar in form to Cactus Dahlias. Fair flower size, and good stems. Rather artistic as cut flowers.



*California Giant Zinnia*

**SUPER CROWN O'GOLD TYPE**—A most distinctive flower type, with the base of each petal shaded buff or yellow while carrying out the original flower color to the tip. Flowers of truly giant size, equal in all respects to the Dahlia Flowered and California Giant Types.

**\*PASTEL TINTS MIXTURE**—Our trial grounds results with this mixture show it to be conclusively the most magnificent strain of giant zinnias in existence. Contains a wide range of strictly pastel colors attractively variegated. Unusually large flowered. Pkt. 15c, ¼ oz. 40c, ½ oz. 70c, 1 oz. \$1.25.

**\*Rosalie**—Bright intense rose; a good even color and long-stemmed for cutting.

**\*Wild Fire (New)**—Bright scarlet. This new debutante to the fantasy type should be well received.

**\*Orange Lady**—Deep bright orange.

**\*Star Dust**—Rich golden yellow.  
Any of the above—Pkt. 15c, ½ oz. 35c, ¼ oz. 60c.

**Collection**—The above 4 varieties (1 pkt. each) value 60c, for 50c.

**Fantasy Mixed**—All colors of the fantasy zinnias. Pkt. 10c, ½ oz. 25c, ¼ oz. 40c, ½ oz. 70c.

**THE CHARMING CUPID ZINNIAS**—6-8 in. Similar to the Lilliput or Pompons, but very dwarf in stature, and with dainty pompon blossoms like miniature buttons. Use for edging, borders, and rock gardens.

**\*Tiny Tim**—The cleverest little zinnia in existence. Miniature rich scarlet flower. Pkt. 15c, ½ oz. 35c, ¼ oz. 60c.

**Cupid or Tom Thumb, Mixed**—Pkt. 10c, ½ oz. 35c, ¼ oz. 60c.

#### VARIOUS TYPES OF ZINNIAS

**\*RED RIDING HOOD OR GRACILLIMA**—6-8 inches. Quite small and free flowering bright crimson. Dwarf even habit and showy color. Pkt. 10c, ¼ oz. 35c.

**\*HAAGEANA DOUBLE HYBRIDS (Mexican Hybrids)**—12 inches. Miniature zinnia somewhat like a French marigold. Flowers mahogany in color attractively variegated gold and orange. Pkt. 10c, ½ oz. 30c, ¼ oz. 50c.



*Zinnia, Fantasy*



## FLOWER PLANTING CHART

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Abronia.....		X	X	X	X	X	X						Iceplant.....			X	X	X	X	X					
Abutilon.....		X	X	X	X	X	X		X	X	X		Iberis.....		X	X	X	X	X	X					
Aconitum.....		X	X	X	X	X	X		X	X	X		Impatiens.....			X	X	X	X	X					
Acroclitum.....								X					Ipomoea.....			X	X	X	X	X					
Ageratum.....		X	X	X	X	X	X						Kenilworth Ivy.....		X	X	X	X	X	X					
Ammobium.....													Kochia.....			X	X	X	X	X					
Alyssum.....		X	X	X	X	X	X		X	X	X		Kudzu Vine.....		X	X	X	X	X	X					
Achillea.....		X	X	X	X	X	X						Lantana.....			X	X	X	X	X					
Adonis.....							X						Larkspur.....			X	X	X	X	X					
Agrastemma.....		X	X	X	X	X	X		X	X	X		Lathyrus Latifolius.....			X	X	X	X	X					
Amaranthus.....							X						Lavatera.....			X	X	X	X	X					
Anchusa.....		X	X	X	X	X	X		X	X	X		Lavender.....			X	X	X	X	X					
Anemone.....		X	X	X	X	X	X		X	X	X		Lemon Verbena.....			X	X	X	X	X					
Antirrhinum.....		X	X	X	X	X	X		X	X	X		Leptosyne Maritima.....			X	X	X	X	X					
Aquilegia.....		X	X	X	X	X	X		X	X	X		Leptosephon.....			X	X	X	X	X					
Arabis.....		X	X	X	X	X	X		X	X	X		Lilium Regale.....		X	X	X	X	X	X					
Argemone.....							X						Linaria Maroccana.....	X	X	X	X	X	X	X					
Armeria.....		X	X	X	X	X	X		X	X	X		Linum.....			X	X	X	X	X					
Aristolochia.....		X	X	X	X	X	X		X	X	X		Lupinus.....			X	X	X	X	X					
Asparagus Fern.....		X	X	X	X	X	X		X	X	X		Lychnis.....			X	X	X	X	X					
Asters.....													Marvel of Peru.....		X	X	X	X	X	X					
Asters, Perennial.....		X	X	X	X	X	X		X	X	X		Matricaria.....		X	X	X	X	X	X					
Arctotis.....													Mimosa.....			X	X	X	X	X					
Australian Pea Vine.....		X	X	X	X	X	X		X	X	X		Marigold.....			X	X	X	X	X					
Balloon Vine.....			X	X	X	X	X						Mignonette.....			X	X	X	X	X					
Browallia.....			X	X	X	X	X						Mina.....			X	X	X	X	X					
Balsams.....							X						Momardica.....			X	X	X	X	X					
Begonia.....		O	X	X	X	X	X						Mimulus.....			X	X	X	X	X					
Bellis.....		X	X	X	X	X	X		X	X	X		Myosotis.....		X	X	X	X	X	X					
Brachycome.....			X	X	X	X	X						Nasturtiums.....			X	X	X	X	X					
Cacalia.....													Nemophila.....		X	X	X	X	X	X					
Calceolaria.....		O	X	X	X	X	X		X	X	X		Nicotina.....			X	X	X	X	X					
Calendula.....	X	X	X	X	X	X	X		X	X	X		Nigella.....			X	X	X	X	X					
Calliopsis.....							X						Oenothera.....		X	X	X	X	X	X					
Campanula.....		X	X	X	X	X	X		X	X	X		Pansies.....	X	X	X	X	X	X	X					
Candytuft.....							X						Passiflora.....		X	X	X	X	X	X					
Canary Bird Vine.....													Pentstemon.....		X	X	X	X	X	X					
Carnations.....		X	X	X	X	X	X		X	X	X		Petunias.....			X	X	X	X	X					
Canna.....													Phlox, Perennial.....		X	X	X	X	X	X					
Cardinal Climber.....			X	X	X	X	X						Phlox, Annual.....			X	X	X	X	X					
Celosia.....							X						Portulaca.....			X	X	X	X	X					
Cineraria.....	O	O	X	X	X	X	X						Physalis.....			X	X	X	X	X					
Cheiranthus.....		X	X	X	X	X	X		X	X	X		Physostegia.....			X	X	X	X	X					
Centaurea.....			X	X	X	X	X						Platycodon.....			X	X	X	X	X					
Chrysanthemums.....			X	X	X	X	X						Poppies, Annual.....			X	X	X	X	X					
Clarkia.....		X	X	X	X	X	X		X	X	X		Poppies, Perennial.....			X	X	X	X	X					
Cobaea Scandens.....			X	X	X	X	X						Poppy, Calif.....	X	X	X	X	X	X	X					
Coleus.....			X	X	X	X	X						Primula.....			X	X	X	X	X					
Coreopsis.....		X	X	X	X	X	X		X	X	X		Primroses.....		X	X	X	X	X	X					
Cosmos.....			X	X	X	X	X						Pyrethrum.....			X	X	X	X	X					
Cowslip.....		X	X	X	X	X	X		X	X	X		Ranunculus.....		X	X	X	X	X	X					
Cyclamen.....		O											Rhodanthe.....			X	X	X	X	X					
Cypress Vine.....			X	X	X	X	X						Ricinus.....			X	X	X	X	X					
Cox Lachrymae.....			X	X	X	X	X						Romneya.....			X	X	X	X	X					
Dahlia.....			X	X	X	X	X						Rudbeckia.....			X	X	X	X	X					
Daisy, Shasta.....		X	X	X	X	X	X		X	X	X		Salpiglossis.....			X	X	X	X	X					
Daisy, English.....			X	X	X	X	X		X	X	X		Salvia.....			X	X	X	X	X					
Daisy, Michaelmas.....		X	X	X	X	X	X		X	X	X		Scabiosa, Annual.....		X	X	X	X	X	X					
Datura.....			X	X	X	X	X						Scabiosa, Perennial.....			X	X	X	X	X					
Didiscus.....			X	X	X	X	X						Schizanthus.....			X	X	X	X	X					
Dolichos.....			X	X	X	X	X						Smilax.....			X	X	X	X	X					
Delphinium.....		X	X	X	X	X	X		X	X	X		Statice, Annual.....			X	X	X	X	X					
Demophtecus.....							X						Solomon.....			X	X	X	X	X					
Dianthus or Pinks.....			X	X	X	X	X		X	X	X		Sweet Rocket.....			X	X	X	X	X					
Diascia Barbaeae.....			X	X	X	X	X						Stocks.....			X	X	X	X	X					
Digitalis or Foxglove.....			X	X	X	X	X		X	X	X		Sweet William.....			X	X	X	X	X					
Eschscholtzia.....	X	X	X	X	X	X	X		X	X	X		Thunbergia.....			X	X	X	X	X					
Eurphobia.....			X	X	X	X	X						Tritoma.....		X	X	X	X	X	X					
Fuchsia.....		O	X	X	X	X	X						Verbena.....			X	X	X	X	X					
Gallardia.....		X	X	X	X	X	X						Viola.....		X	X	X	X	X	X					
Geranium.....			X	X	X	X	X		X	X	X		Vinca.....			X	X	X	X	X					
Gerbera.....			X	X	X	X	X						Virginia Stock.....			X	X	X	X	X					
Gilia.....		X	X	X	X	X	X						Viscaria.....			X	X	X	X	X					
Globe Amaranth.....			X	X	X	X	X						Wallflower.....		X	X	X	X	X	X					
Gum.....		X	X	X	X	X	X						Wistaria.....			X	X	X	X	X					
Gloxinia.....			X	X	X	X	X						Xeranthemum.....			X	X	X	X	X					
Godetia.....			X	X	X	X	X		X	X	X		Zinnias.....			X	X	X	X	X					
Gypsophila.....			X	X	X	X	X		X	X	X		Wild Flower Mixture.....		X	X	X	X	X	X					
Gourds.....			X	X	X	X	X						Cut Flower Garden Mixture.....			X	X	X	X	X					
Golden Rod.....		X	X	X	X	X	X																		
Helenium.....		X	X	X	X	X	X		X	X	X														
Helianthus.....			X	X	X	X	X																		
Helichrysum.....			X	X	X	X	X																		
Helianthemum.....			X	X	X	X	X																		
Heliotrope.....			X	X	X	X	X																		
Heuchera.....			X	X	X	X	X		X	X	X														
Hibiscus.....			X	X	X	X	X		X	X	X														
Hollyhock.....			X	X	X	X	X		X	X	X														
Humulus.....			X	X	X	X	X																		
Hunnemania.....			X	X	X	X	X																		

The above gives a general idea of when flower seeds can be sown in the Sacramento and San Joaquin Valleys.  
O—Seeds sown at this time should be protected from frost.

# PLANTS TO GIVE YOUR GARDEN EXCITING NEW BEAUTY

## HARDY MARGUERITES

One of the showiest and hardiest of perennials. Plants attain a height of 3-4 ft. and are a profusion of bloom all spring, summer, and fall of large single daisy-like flowers. Extremely fast growing. Requires full sun. We have:

**Single Yellow and Single White**—In 3-in. pots. Each 15c, 6 for 80c, 12 for \$1.50, f.o.b. Sacramento.

## DELPHINIUM

### Giant Pacific Hybrids

A glorious new strain of Delphinium, with huge double flowers  $2\frac{1}{2}$  to  $3\frac{1}{2}$  inches across, on long well proportioned spikes. The colors range from pale blue through the various shades of deep blue, lilac, turquoise, and azure. Tops in giant delphiniums. Field grown clumps packed in 5-inch paper pots. 25c each, 6 for \$1.50, 12 for \$2.50, f.o.b. Sacramento.

## HAHN'S SELF-BRANCHING IVY

### (Hedera Hahns)

A grand achievement in the ivy family with closely set small foliage. Is particularly noteworthy for its ability to develop many lateral branching growths from the main stem. This ivy is by far the best of all for potted plant use either indoors, or outdoors in colored pottery, urns, etc. Very compact growth. In 3-inch pots, nicely branched. 25c each, 2 for 40c, f.o.b. Sacramento.

## BLEEDING HEART

### (Dicentra spectabilis)

An esteemed old favorite; its long racemes of graceful heart-shaped pink flowers are always attractive. Excellent for shady locations. Plant in well drained soil, mulching and fertilizing each year, but never dig and attempt to divide. In gallon cans, 50c each, 6 for \$2.50, 12 for \$5.00, f.o.b. Sacramento.

## HARDY PERENNIAL PHLOX

### (Phlox decussata)

Perennial phlox prove indispensable in any garden, being of extreme value in furnishing an abundance of brilliant colors during the summer months when the majority of perennials have passed their season of bloom. **Location:** Best results are obtained when plantings are fully exposed to the sun. **Culture:** Require soil rich in organic matter (Nutrio). Plant 3 ft. apart; set crowns 1 in. deep. Roots grow very close to surface of soil, **therefore, always shallow cultivation only.** **Use:** Beds for mass effects, borders, and groupings with other perennials.

### RED

**Africa**—One of the best new dark red varieties. Brilliant carmine-red, with blood-red eye. Well shaped flower heads composed of large florets.

**B. Compe**—Tall growing variety producing large heads of rich satiny burgundy red. Very brilliant.

**LEO SCHLAGATER**—The best red phlox in existence. Brilliant scarlet blooms which seem to glow with fire. This impression is heightened by the fact that there seems to be a decided orange cast to the blooms. 3 ft. high.

### PINKS

**DAILY SKETCH**—A splendid new English novelty. Salmon-pink with vivid crimson eye. The flower trusses are enormous and the individual florets are extra large. 3 ft. height.

**E. I. Farrington**—Bright salmon-pink, shading to soft pink. Splendid variety of erect habit and vigorous growth.

**P. D. Williams**—Soft rose-pink with darker center. Buds and the reverse of petals are rosy-red. Enormous flowers in pyramidal trusses. Exquisite.

**Rheinlander**—A splendid variety which has stood the test of time. Color a beautiful salmon pink. Excellent growing habit.

**Rosea Superba**—Light lilac-pink. Makes a vigorous clump. Does well where other phlox fail.

### BLUE

**Caroline Vandenburg**—This variety is the most attractive of the lavender shades. A true lavender-blue without the magenta shades peculiar to most varieties of this color.

**Widar**—The violet florets have a clear white eye which creates a most unusual effect. Medium height and good habit.

### WHITE

**Margaret Gavin Jones**—Lovely large trusses of bloom of bluish white, with carmine eye.

**Mrs. Jenkins (Independence)**—Pure white. A very fast grower of medium height. Few varieties equal its free-flowering habit. Can always be depended on.

All phlox in gallon cans. Each 25c, 6 for \$1.50, 12 for \$2.50, f.o.b. Sacramento.

## GARDENIA, MYSTERY

One of the most highly prized of all lovely flowers due to exquisite perfume. Plant itself grows into a beautiful shrub; very easy to grow with special acid fertilizer such as **Lago Rho-Za-Lia Food** especially prepared for its feeding. Hundreds of gardeners enjoy lovely blooming bushes of gardenias in their own gardens. Flowers large and appear during summer months. In our section follow these few simple cultural rules:

1. Plant in a protected location.
2. Mulch heavily with humus material (Nutrio).
3. Keep moderately moist.
4. Feed several times during growing season with specially prepared acid food **Rho-Za-Lia**.

In gallon cans, 65c each; 5-gallon cans, \$2.75 each, f.o.b. Sacramento.



Perennial Phlox



Bleeding Heart, Dicentra Spectabilis

BE OUR GUESTS AT OUR NURSERY AND TRIAL GROUNDS



# PLANTS TO GIVE YOUR GARDEN EXCITING NEW BEAUTY (Cont'd)



Scarlet Wisteria Tree

## CHINESE PLUMBAGO

(*Cerastigma Willmottiana*)

A marvelous deep blue flowered small shrub recently introduced from China. Planted in a sunny spot in your garden there will not be a day from the middle of May until December that the plant is not well covered with the sweetest bright blue flowers imaginable. Grows about 3 feet tall, and is extremely hardy. In gallon cans, 75c each, f.o.b. Sacramento.

## MEYER DWARF LEMON

A useful dwarf ornamental plant.

The most ornamental utility plant offered gardeners in recent years. Introduced from China by the late Dr. Meyer of the U. S. Department of Agriculture. Very dwarf habit and consistently covered with buds, blossoms, and maturing fruit. Foliage and fruit resemble any lemon, but because of its dwarf compact habit may be used to excellent advantage for ornamental work such as shrub border, potted specimens on patios, etc. Has the largest and most fragrant of all citrus blooms which are pink instead of white. A few plants will keep a family well supplied with lemons—more juicy than the average lemon. Unexcelled for lemon pies. Does not freeze even in the most severe California frosts. In gallon cans, 75c each; 5-gallon cans, \$2.75 each, f.o.b. Sacramento.

## SCARLET WISTERIA TREE

(*Daubentonia tripetti*)

A most ornamental small tree which is simply loaded all summer with orange-scarlet pea-shaped flowers in large clusters. Stands any amount of heat. Blooms the first year. Deciduous. One of the most picturesque little trees imaginable. In gallon cans, \$1.00 each, f.o.b. Sacramento.

## PYRACANTHA, ROSEDALE

A new red-berried evergreen shrub.

Most outstanding new variety of pyracantha destined for wide popularity because of heavy production of enormous berries and resistance to pear blight. Brilliant scarlet berries, borne in exceptionally heavy masses. Grows to a height of 6 to 8 feet, with branches of graceful arching form, covered with fine foliage throughout entire year. Excellent for background, mass effects, or foundation planting. In gallon cans, 75c each, f.o.b. Sacramento.

## LONG-CLUSTERED GOLDEN-CHAIN TREE

(*Laburnum vossii*) (New deciduous tree)

"The most significantly worthwhile tree introduced during the past 25 years"—so concludes an eminent horticulturist in discussing this new introduction. A lovely small tree-like shrub of moderate size bearing exquisite golden yellow flowers which hang in grand long wisteria-like clusters to as much as 18 inches in length. A most profuse bloomer. Shrubs 5 to 6 feet tall (1 year old), \$2.00 each, f.o.b. Sacramento.

## THE NEW ROBERTSON NAVEL ORANGE

(U. S. Plant Patent No. 126)

The finest winter ripening orange for California. Young trees two and three years old are loaded down with fruit, bearing two or three times as much as trees of the Washington Navel of the same age, and it continues to far outbear that variety after the trees are mature. The Robertson Navel ripens its fruits two to three weeks before the Washington Navel and in our Valley sections here is sweet, colored, and ready to pick the first week of November, avoiding dangers of heavy frosts. The flavor and quality are equal to the finest Washington Navel, making it the best eating orange in the world. 1-year-old trees, \$2.75 each, f.o.b. Sacramento.

## BE OUR GUESTS AT OUR NURSERY AND TRIAL GROUNDS

In conjunction with our seed store located in downtown Sacramento, F. Lagomarsino and Sons maintain and operate a large nursery and trial grounds in East Sacramento. Here greenhouse, lathhouse, and field growing facilities are utilized in growing and keeping in stock a complete line of nursery items, such as trees, shrubs, ornamentals of all types, roses, annual and perennial plants, vegetable plants, etc. With our connections with the seed and nursery trade throughout the United States and the important foreign horticultural markets, we are in a position to keep in touch with the improved strains of all items which are offered and the best of the yearly new introductions. All such items are tested in our trial grounds to determine their adaptability for Northern California conditions.

We take pride, therefore, in being able to offer you only the best and most improved of all the important items of nursery materials.

You are cordially invited and welcome to visit or make purchases at any time at our nursery, and avail yourself of the information and facilities offered by this branch of our business.

## DIRECTIONS FOR REACHING OUR NURSERY

Drive on the H Street Highway until reaching 54th Street. At 54th and H Streets turn north. (A sign "F. LAGOMARSINO AND SONS NURSERY" is located here as an aid to customers.) Follow this road in directly to our nursery.

# CHOICE VARIETIES OF DELICIOUS FRUITS, BERRIES AND SHADE TREES FOR EVERY GARDEN

All prices are quoted f.o.b. Sacramento.

## APPLES

6 to 8 ft., 60c each.

**DELICIOUS**—Oct.-Nov. Good standard variety.  
**EARLY HARVEST**—July-Aug. Medium size; good bearer.

**GRAVENSTEIN**—Aug. Earliest commercial.  
**NEWTOWN PIPPIN**—Dec. The best winter apple; fine keeper.

**RED ASTRACHAN**—July. Early summer bearer.

**SPITZENBERG**—Large and very juicy.

**WINTER BANANA**—Sept. One of the most dependable for all regions. Delicate aroma and flavor.

**YELLOW BELLEFLOWER**—Oct. Standard market variety of California.

## ALMONDS

6 to 8 ft., 60c each.

**DRAKE'S SEEDLING**—Important commercial variety. Medium soft shell. Latest of all almond varieties. One of the best pollinizers for other almond varieties.

**IKI**—Beautiful large nut. Soft shell.

**NE PLUS ULTRA**—Popular commercial variety. Large soft shelled nuts. Heavy bearer. A good pollinizer for Nonpareil.

**NONPAREIL**—The leading variety for California and the best all-around variety. Very thin paper shell. Medium sized nut. Heavy yielder.

## APRICOTS

6 to 8 ft., 60c each.

**BLENHEIM**—Late June. California's leading apricot. An all-around purpose variety both for commercial and home orchard.

**NEWCASTLE**—May, early June. The earliest of all apricots.

**ROYAL**—June. The leading early apricot for commercial use and home orchard. Very heavy bearer.

**TILTON**—July. One of the largest apricots, somewhat heart-shaped. Excellent for Sacramento and San Joaquin Valleys.

## CHERRIES

6 to 8 ft., 60c each.

**BING**—June. California's finest shipping cherry and home orchard variety.

**BLACK REPUBLICAN**—May. Large size and a very good shipper.

**BLACK TARTARIAN**—Late May. The most widely grown early cherry. This variety is self-fertile and should be planted as a pollinizer for Bing, Lambert, and Royal Anne for good fruit production with these varieties.

**LAMBERT**—Late June. The latest variety of cherry; also the largest sweet variety.

**ROYAL ANNE**—June. The only cherry used for commercial canning in California. Color—light amber suffused with red.

## CHESTNUTS

4-6 ft., \$1.75 each.

**QUERCY**—Large, uniform size nut. Heavy bearer even when trees are young.

## CRABAPPLES

6 to 8 ft., 60c each.

**RED SIBERIAN**—August. Fruit bright red.

**TRANSCENDENT**—Sept. Best of all crabs for general use. Very productive.

## CITRUS TREES

**GRAPEFRUIT**—Marsh Seedless— $\frac{1}{2}$  to  $\frac{3}{8}$  inch caliper. \$2.50 each.

**LEMON**—Eureka— $\frac{1}{2}$  to  $\frac{3}{8}$  in. caliper. \$2.50.

**ORANGE**—Robertson Navel (New)—1 year old trees. \$2.75 each. For description of this outstanding variety see page 32.

## FIGS

4 to 6 ft., 60c each.

**MISSION (CALIFORNIA BLACK)**—Original fig of California introduced by Mission Fathers. Oldest and best variety. Two distinct crops each year.

**KADOTA**—Aug. and Sept. The leading canning and preserving fig of California. Color—white; practically seedless. Trees bear when very young.

**WHITE ADRIATIC**—Aug. The leading white drying fig. The best white variety.

## NECTARINES

6 to 8 ft., 60c each.

**GOWER**—July. Standard shipping nectarine.  
**STANWICK**—Aug. The leading variety in California. The best all-around nectarine.

## OLIVES

Each \$1.75.

**MANZANILLO**—The leading commercial variety. Fruits slightly larger in size than Mission.  
**MISSION**—The well-known variety introduced by the Mission Fathers. Fruit, deep purple turning to jet black.

**SEVILLANO**—The famous "Queen Olive". Gigantic in size and exceptional in quality. Used mostly as a green olive.

## PEACHES

4 to 6 ft., 60c each.

**FREESTONE**

**ALEXANDER**—June. One of the leading early shipping peaches.

**EARLY CRAWFORD**—July. Fine early yellow peach.

**ELBERTA**—Aug. One of the finest peaches in existence.

**HALE'S EARLY**—July. One of the best early white peaches.

**J. H. HALE**—Aug. Long famous and popular variety because of exceptional fruit appearance.

**LATE CRAWFORD**—August. Fine home garden peach for midseason.

**MAYFLOWER**—May-June. The earliest peach known.

**SALWAY**—Sept. The latest ripening freestone.

## CLINGSTONE

**ORANGE (SELLERS)**—Aug. Large sized fruits, fine for home use.

**PEAKS**—August. As a mid-season canning peach, Peaks has no superior.

**PHILLIPS CLING**—Sept. Excellent cling peach. Huge fruits.

**TUSCAN**—July. The earliest canning cling. Good for home canning.

**WHITE HEATH**—Sept. Creamy white. A fine late white cling for home use.

## PEARS

6 to 8 ft., 60c each.

**BARTLETT**—July-Aug. The variety of extensive popularity and the only pear used for shipping, canning and drying.

**WINTER NELIS**—Nov. One of the latest to ripen. Fine keeping quality.

## PERSIMMONS

4 to 6 ft., \$1.50 each.

**HACHIYA**—The leading commercial variety. Fruit deep reddish-orange.

## PLUMS

6 to 8 ft., 60c each.

**BEAUTY (Japanese)**—June. The earliest important commercial variety. Fruit crimson color. Heavy bearer.

**CLIMAX (Japanese)**—Middle June. One of the finest of all eating plums. Cherry red.

**DUARTE (Japanese)**—July. Now taking the place of Satsuma. Color blood red. Fine shipper.

**GREEN GAGE (European)**—July. Color, greenish-yellow. Popular home orchard variety.

**PRESIDENT European**—Sept. Color, dark blue. The latest shipping variety.

**SANTA ROSA (Japanese)**—Late June. Color, reddish. Leading shipping variety. A good pollinizer to increase the crop on other varieties of plums.

**TRAGEDY (European)**—July. Color, dark blue. Large fruits.

## PRUNES

6 to 8 ft., 60c each.

**FRENCH IMPROVED**—Sept. The leading commercial variety in all districts and unexcelled in quality.

## POMEGRANATES

4 to 6 ft., 60c each.

**WONDERFUL**—This is the leading variety and the only one grown commercially.

## QUINCE

4 to 6 ft., 60c each.

**ORANGE**—Medium in size, apple-shaped and orange-yellow when ripe.

**PINEAPPLE**—Large, smooth globular fruit. Has a distinct pineapple flavor.



Eureka Walnut

## WALNUTS

6 to 8 ft., \$1.75 each.

**EUREKA**—Good for northern California. Nuts large and oblong.

**FRANQUETTE**—The most popular commercial variety. Nuts conical in shape.

**MAYETTE**—Large round nuts. Heavy bearer.

**PAYNE SEEDLING**—Early bearer. Heavy producer. Not as large growing as other varieties. Young trees produce heavy crops.

## BERRIES

**BOYSENBERRY**—Increasingly popular every year. The largest of all berries, being 1 inch through and  $1\frac{1}{2}$  inches long. Of unequalled flavor and deliciousness. 15c each, \$1.50 doz.

**CORY THORNLASS BLACKBERRY**—An improved blackberry of giant size, free of thorns. 15c each, \$1.50 per doz.

**CURRENTS, CHERRY**—Unexcelled for jelly. 15c each, \$1.50 per doz.

**GOOSEBERRY, OREGON CHAMPION**—The only worthwhile variety. 15c each, \$1.50 doz.

**LOGANBERRY**—Fruit large and long, and of attractive red color. Prized for jams and jellies. 15c each, \$1.50 per doz.

**RASPBERRIES**—Choose from the following popular varieties: Culbert, Early King, St. Regis, Black King. 10c each, \$1.00 per doz.

**STRAWBERRIES**—Oregon Plum and Banner. 25c per doz., \$1.50 per 100. Mastodon Everbearing, 35c per doz., \$2.50 per 100. Rockhill Everbearing, the finest and most outstanding everbearing variety, 75c per doz., \$5 per 100.

**YOUNGBERRY**—The fruit is very large and juicy with a rich blended flavor. 15c each, \$1.50 per doz.

## GRAPES

Choose from the following recognized standard varieties:

**TABLE AND RAISIN**—15c each, \$1.50 per doz. Cornichon—October.

**Emperor**—September-October.

**Gros Coleman**—September-October.

**Malaga**—September.

**Muscat**—September.

**Olivette Blanche**—September.

**Rose of Peru**—September.

**Thompson Seedless**—September.

**Tokay**—September.

**Ribier**—October.

## DECIDUOUS SHADE TREES

**ARIZONA ASH, Modesto Type**—25-30 ft. Improved Arizona type ash. 6-8 ft. size, \$1.75 each.

**CHINESE ELM**—40-60 ft. Most rapid growing of all shade trees. 6-8 ft. size, \$1.00 each.

**EUROPEAN WHITE BIRCH**—30 ft. Decorative trees; not recommended for shade. 6-8 ft. size, \$1.50 each.

**GOLDEN WEEPING WILLOW**—40 ft. Spreading top. 8-10 ft. size, \$1.00 each.

**LOMBARDY POPLAR**—50-75 ft. Tall, slender, narrow type tree. 8-10 ft. size, \$1.00 each.

**MOUNTAIN ASH**—Dense growth; red berries in fall. 8-10 ft. size, \$1.75 each.

**ORIENTAL PLANE**—60 ft. Rapid grower, the most widely used shade tree. 8-10 ft. size, \$1.50 each.

**SILVER MAPLE**—60 ft. Fast growing. 6-8 ft. size, \$1.50 each.

**TULIP TREE**—Light green foliage, yellow flowers. 6-8 ft. size, \$1.50 each.



## THE GEMS OF ALL THE GLORIOUS GLADIOLI

All prices postpaid. Write for prices on quantities larger than quoted below.

### WHITE

**ALBATROSS**—Pure white with large lily-like flowers. Five feet in height. 5c each, 50c doz.

**MARGARET BEATON**—Most outstanding of recent introductions. Awarded the distinction of the most beautiful gladiolus at the New York World's Fair. Immaculate clear white with fiery orange-red blotch in throat. 25c each, \$2.50 per dozen.

**MARGARET PETER**—Flushed white with very large crimson blotch. Wide open flowers with good placement. 6c each, 55c per dozen.

**SHIRLEY TEMPLE**—Clear, waxy cream with light yellow throat. Petals ruffled and of heavy substance. A giant in size. 5c each, 50c per dozen.

**SNOWPRINCESS**—Clear white with a milky throat. Six large florets open at once on a long flower head. Five feet. Excellent. 10c each, \$1.00 per dozen.

### RED SCARLET

**ALLEMANIA**—Produces the largest blooms of all reds. Color a deep blood red. Healthy and vigorous in growth. 6c each, 55c per dozen.

**BEACON**—Color bright salmon-scarlet with broad cream throat. Stands out like a lighthouse. One of the very tallest growers. Voted first place by both the New England and Canadian Gladiolus Societies. 10c each, \$1.00 per dozen.

**COMMANDER KOEHL**—A magnificent deep red that is both bright and rich in color. Six to eight wide open florets at once. 5c each, 50c per dozen.

**DREAM OF BEAUTY**—A new and distinctive shade of clear rose-red. Very popular with florists. 5c each, 50c per dozen.

**JOHN S. BACH**—Salmon-red with white median lines. Very long blooming spike. 7c each, 75c per dozen.

**KEWPIE**—A real miniature glad. Flowers bright scarlet with buff line around each petal. 7c each, 75c per dozen.

**MOORISH KING**—No other variety has such a rich deep red color—a deep clear maroon self. Tremendously popular. 7c each, 75c per dozen.

### BLUE AND PURPLE

**JOSEPH HAYDN**—Striking light lavender-blue with large blotch of deep violet on two lower petals. Five to six large blooms open at one time on a long straight flower spike. 5c each, 50c per dozen.

**MAX REGER**—Lavender-blue, with dark throat markings and glittering white points giving the appearance of a blue butterfly. 6c each, 55c per dozen.

**MILFORD**—One of the best varieties from Australia, and one of the finest light blues. Flowers of good size, well placed on long flower spike. 6c each, 55c per dozen.

**PURPLE BEAUTY**—Well placed good sized florets of deep royal purple. 5c each, 50c per dozen.

### YELLOW AND ORANGE

**AMBERGLOW**—Deep amber yellow. The brightest yellow glad in existence. Excellent cut flower. 7c each, 75c per dozen.

**BETTY NUTHALL**—Giant coral pink, pale orange throat. Grown in greater quantity than any other glad save Picardy. 5c each, 50c per dozen.

**BIT O'HEAVEN**—Richest and most brilliant of all orange glads. Also the tallest grower. 7c each, 75c per dozen.

**DOROTHY DELL**—An early light orange; the largest in this color. 5c each, 50c per dozen.

**LA FIESTA**—In a color class of its own; a clear bright orange that does not fade. Blooms are wide open on long stems, and is the best for cutting. 25c each, \$2.50 per dozen.

**ROYAL GOLD**—A new light yellow of perfect form. 25c each, \$2.50 per dozen.

**YELLOW EMPEROR**—Perhaps the best and deepest yellow. Very large open blossoms on long sturdy spikes. 5c each, 50c per dozen.

### SMOKY

**MOTHER MACHREE**—Smoky lavender with tints of gold. Unusual and attractive. 5c each, 50c per dozen.

**VAGABOND PRINCE**—Rich garnet-brown with a glowing orange-red blotch. Spike and placement are ideal. 25c each, \$2.50 doz.

**ZUNI**—A very fine new smoky, reminiscent of the old variety, Rose Ash, but brighter and taller, and with fine regular placement and all-around good habit. 25c each, \$2.50 doz.

### LAVENDER

**MINUET**—The best of the self-colored lavender glads, carrying 7 to 9 heavily textured flowers open at once on a fine strong spike. 5c each, 50c per dozen.

**RIMA**—A delightful new variety in a very pale lavender pink with white throat. 25c each, \$2.50 per dozen.

**SALBACH'S ORCHID**—A clean bright shade of lavender-pink that blooms early. Stands the hottest sun without fading or wilting. 5c each, 50c per dozen.

### SALMON

**ALADDIN**—A new giant ruffled variety of deep salmon with yellow center. A top notch cut flower and holds its color till the last bud has opened. 25c each, \$2.50 per dozen.

**EDITH ROBSON**—Salmon-rose, small blotch. 5c each, 50c per dozen.

**GLORIANA**—Clear salmon, blended with a pure yellow throat. 5c each, 50c per dozen.

### PINK

**BONNEVILLE**—Deep salmon pink, almost scarlet with small white throat blotch. A most attractive glad and a proven florist variety. 5c each, 50c per dozen.

**CAMELLIA**—Blush white tinted pink with small vivid orange-scarlet blotch on cream ground. Six to seven of 20 florets open at once. 7c each, 75c per dozen.

**D. A. HAY**—Bright pink with white throat. Placement perfect. Straight spikes. 5c each, 50c per dozen.

**CRETA GARBO**—Clear light creamy pink. Opens up to 12 blooms on a spike that sets a new standard of perfection. This is perhaps the most outstanding gladiolus since Picardy. 50c each, \$5.00 per dozen.

**MISS NEW ZEALAND**—The world's largest glad. Enormous blossoms, lovely salmon-apricot suffused with rose, and peach colored blotch in throat. 50c each, \$5.00 doz.

**NEW ERA**—Pure pink. A prize winning variety of great merit. Ten very large ruffled blossoms open at one time. 10c each, \$1.00 per dozen.

**PICARDY**—The most talked about glad in the world today. Of soft shrimp pink without flecking. 5c each, 50c per dozen.

**ROSA VAN LIMA**—A bright pink with white throat. Excellent for cutting. 7c each, 75c per dozen.

**ROSEMARIE PFITZER**—Light pink suffused with cream. Unexcelled for exhibition. 5c each, 50c per dozen.

**SONATINE**—Clear pink. Tall spikes and vigorous grower. 5c each, 50c per dozen.

### BUFF

**WASAGA**—The best in this class. Clear golden buff. 5c each, 50c per dozen.

**LAGO'S SUPERFINE GLADIOLUS MIXTURES**—One bulb each of 12 varieties (our selection), 12 bulbs, 40c. Ten each of five varieties (our selection), 50 bulbs, \$1.90. Ten each of 10 varieties (our selection), 100 bulbs, \$3.50. Famous Rainbow Mixture, 35c per dozen; 100 bulbs for \$2.50.

## THE GEMS OF ALL THE DAZZLING DAHLIAS

All prices postpaid.

### KEY TO ABBREVIATIONS

**FD** — Formal Decorative. Fully double giant dahlias, with broad but very regularly placed petals.

**ID** — Informal Decorative. Fully double giant dahlias, with petals irregularly arranged—long twisted, and pointed.

**C** — Cactus. Very thin petalled dahlias, chrysanthemum-like in form.

**SC** — Semi-Cactus. Similar to the cactus type but with much fuller and broader petals.

**AMERICAN BEAUTY** — (SC) Exquisite new white. 50c each.

**AVALON** — (FD) Clear yellow; large flowers on long stems. 35c each.

**BOB PLEUSE** — (SC) Large deep wine-maroon, tipped white. 50c each.

**CAVALCADE** — (FD) Mulberry with old rose; free and early blooming. 50c each.

**CHARLES G. REED** — (FD) Plum with maroon shadings. Very large blooms. Slightly wavy petals. 50c each.

**CHARLES L. MASTICK** — (FD) Orange bronze, reverse blended deep rose. 75c each.

**CLARA CARDER** — (ID) Large cyclamen-pink bloom. New, extra fine. 60c each.

**FLAMING METEOR** — (SC) Flame red and gold, petals in whirls like chrysanthemums. 60c.

**FIREBALL** — (FD) Fiery scarlet, large, extra good. 50c each.

**INKY** — (SC) Almost black, glistening maroon, scarce. 50c each.

**JANE COWL** — (ID) A large flower of a warm buff and old gold blending to a bright salmon at the center. 35c each.

**JERSEY BEAUTY** — (FD) The most popular dahlia. Lavender-pink. Fine stem and foliage. 35c each.

**JOSEPHINE G.** — (SC) Beautiful true rose-pink, petals tipped yellow. 35c each.

**LINDA VISTA** — (ID) Shaggy, soft yet clear old rose. 50c each.

**MONMOUTH CHAMPION** — (FD) Brilliant flame color. Free bloomer. 50c each.

**PEPPERMINT** — (FD) Different. Deep pink penciled with white maroon. 50c each.

**MRS. GEO. LEBOUTELLIER** — (ID) Rich velvety carmine; outstanding in all respects. 50c ea.

**POPE GIUS XI** — (FD) Glorious bicolor combination of golden yellow and white. 50c each.

**PRACHTERL** — (SC) Deep yellow; large incurved cactus. Extra fine. 50c each.

**ROUGE BOUQUET** — (C) Blending shades of scarlet and gold, with overtones of violet. 50c each.

**SNOW QUEEN** — (Hybrid Show) Large snow-white ball, dark green foliage. 50c each.

**SAGAMORE BEAUTY** — (FD) Gold color, shaded warm salmon-rose or orange buff. 35c ea.

**THOMAS EDISON** — (FD) Royal purple with brilliant rich finish. Large, and petals are of stag-horn formation. 50c each.

**TEN DAHLIAS** from this list, our selection. \$4.00. All different, all labeled correctly.

**TUBEROUS BEGONIA BULBS**—Recommended for growing in shady and semi-shaded places. Exquisite blooms of the richest colors. The stock we offer is the best there is to be had. Requirements: Shade, loose rich soil, plentiful moisture. A superb assortment of leading varieties. Each 25c; per doz. \$2.50, postpaid.



## DAINTY POMPON DAHLIAS

These continue as the most popular of all dahlias. They make small decorative plants with an abundance of flowers which are highly prized for cutting, and last a long time in water. The following twelve varieties are distinctly worthwhile, and represent a carefully picked list of only the best in this class.

**ALL BRIGHT**—Brilliant red and gold.

**AMBER QUEEN**—Attractive, well-formed, button-like blooms of amber shaded apricot.

**ANNA CHRISTIANA**—Yellow gold.

**DOLORES**—Deep Spanish pink.

**IOLANTHE**—Salmon-bronze.

**JOE FETTE**—Pure white; perfect blooms on long erect stems.

**JOHNNY PEPPIN**—Deep maroon.

**MARY MUNNS**—Dark orchid. A favorite cut flower.

**MIKE**—A bright scarlet red.

**NELLIE FRAZIER**—Cheerful little blooms of an enchanting bright pink.

**PEGGY ANNE**—Golden apricot, tipped red. Long stems.

**TOM THUMB**—A tiny vivid bright orange, of perfect form. A best seller.

Any of the above Pompon Dahlia roots, 25c each, \$2.50 per dozen.

**SPECIAL COLLECTION**—One root each variety (12 roots), \$2.25.

Two roots each variety (24 roots), \$4.25.

### SPECIAL POMPON DOZEN

12 Tubers, all different, our selection, \$2.00 postpaid.

## GLADIOLUS, BEACON

Voted first place by both the New England and Canadian Gladiolus Societies. Stands out like a lighthouse.

Bright salmon-scarlet with a broad creamy throat. One of the very tallest growers. Eight florets open at once on a very long spike. Striking either as an individual bloom or in a group.

10c each, \$1.00 per dozen.











**LARKSPUR, Super-Majestic Mixed**—A superb and super new type of larkspur with spikes 5 to 6 feet in length. Flowers large, fully double, and closely packed on these gigantic tell spikes. A must item for this year's garden. Pkt. 25c, 3 pkts. for 65c.



**PHLOX GIGANTEA, Red Glory** (Honorable Mention, All-America Trials for 1942)—Here is the brightest color we have ever seen in phlox—a brilliant red with a large creamy white eye. The eye which intensifies the red in sharpness, is of uniform size in all blooms. Pkt. 25c, 3 pkts. for 65c.

PETUNIA, BLUE BROCADE



**VERBENA, Roseglow**—A color so luminous that each plant has the appearance of a small fountain of fire. Each floret a deep rose self, shading to orange-scarlet without a central eye. Pkt. 15c, 3 pkts. 40c.



**ALYSSUM COMPACTUM, Violet Queen**—(6 inches) One of the most generally discussed of the newer flower varieties. Plants compact, free flowering, with small sweetly scented flowers of rich deep violet. Should entirely replace the variety "Lilac Queen". Pkt. 15c, 3 pkts. for 40c.

SWEET PEA, SPRING FLOWERING LAVENDER



**DWARF BEDDING PETUNIA, King Henry**—(14 inches) A petunia of outstanding value for bedding. Deep rich velvety red color, and uniformly dwarf habit. Really, a dwarf strain of the popular Flaming Velvet. Pkt. 25c, 3 pkts. for 65c.

## Novelties of Merit

**CELOSIA, Fiery Feather**—(12 inches) Acclaimed by all as the most brilliant new edging plant. Attractive pyramidal formation with fiery red spikes. Pkt. 15c, 3 pkts. for 40c.

**SPRING FLOWERING SWEET PEA, Lavender**—The spring flowering sweet peas—a new class—have proven outstanding particularly for their early bloom, extreme long stems, and vigorous growth. This rich clear lavender color is one of the finest of this new group. Pkt. 25c, 3 pkts. for 65c.

**PETUNIA, Topaz Queen (Dwarf Bedding Type)**—The most striking and original color in bedding petunias. The shade of color—a brilliant scarlet rose—is a dazzling one. A semi-dwarf bedding petunia of exceptionally strong growth. This growth together with its strong color gives it outstanding value for bedding use. Pkt. 25c, 3 pkts. for 65c.

**PETUNIA, All-Double Blue Brocade (All-Double Victorious)**—Dwarf bushy growing Petunia, bearing giant fringed, fully double, rich velvet-like violet-blue flowers. Comes 100% true from seed. Pkt. 50c, 3 pkts. for \$1.35.

**ZINNIA, Super Crown o' Gold, Pastel Tints**—A distinctive flower type, the base of each petal shaded buff or yellow while carrying out the original flower color of strictly pastel tints to the tip of the petals. Unusual large flowers. Exquisite. Pkt. 15c, 3 pkts. for 40c.

CELOSIA, FIERY FEATHER



**PETUNIA, Radiance Tall Bedding or Branching Type**—Brilliant rich rose or cerise color with a brownish yellow throat. Uniform height, and fine branching habit. Pkt. 25c, 3 pkts. for 65c.



**MINIATURE FRENCH MARIGOLD, Spry**—(9 inches) Compact plants about 9 inches high, and spreading 15 inches. The small flowers have a bright yellow crested center surrounded by several rows of mahogany-red guard petals. Pkt. 15c, 3 pkts. for 40c.



PETUNIA, TOPAZ QUEEN



PETUNIA GLOW



**STOCKS, Giant of California Mixed**—A magnificent new class of stocks, and so marked an improvement over the Giant Imperial stocks, that it will shortly become the leading class. Stronger growth and enlarged flowers in comparison to the latter group. Pkt. 25c, 3 pkts. for 65c.



**DWARF AFRICAN MARIGOLD, "Pot o' Gold"**—(12-15 inches) Brilliant orange blooms, 100 per cent all double, on dwarf compact plants. Blooming is profuse. Unexcelled for low bedding usage. Pkt. 15c, 3 pkts. for 40c.

ZINNIA SUPER CROWN O' GOLD, PASTEL TINTS







**PELARGONIUM, Bella Donna (Crimson)**—Light crimson with two dark blotches on upper petals slightly marked with white. Medium growth. Profuse bloomer. In 3-inch pots, 35c each, 3 for 85c; postage extra.  
**Lucretia (White)**—In 3-inch pots, 35c each, 3 for 85c; postage extra.  
**Charlotte Brice (Bluish Rose)**—In 3-in. pots, 35c each, 3 for 85c; postage extra.



**DELPHINIUM, Pacific Giant Hybrids**—The finest strain of hybrid delphinium available, with the additional value of being earlier flowering than any other strain. Huge flowers  $2\frac{1}{2}$ -3 $\frac{1}{2}$  inches in diameter, beautifully spaced on well balanced spikes. Practically 100 per cent double, and comparatively mildew resistant. Thin woody stems. Field grown clumps packed in 5-inch paper pots. 25c each, 6 for \$1.25, 12 for \$2.50; postage extra.

**CARNATION, Peter Fisher (Pink)**—The most popular rose-pink carnation. Flowers are large, of good substance, with deeply fringed petals. Flowers keep to perfection. 3-inch pot size, 25c each, 6 for \$1.25, 12 for \$2.50; postage extra.

**Spectrum Supreme (Red)**—A universal favorite and the most widely grown of the scarlet varieties. Flowers deep glowing scarlet, of excellent size, and possess long lasting qualities. 3-inch pot size, 25c each, 6 for \$1.25, 12 for \$2.50; postage extra.

## Dependable Perennials for Summer Blooms

**PHLOX, Leo Schlageter**—A shade of red rarely seen in nature. The brilliant scarlet blooms, with a decided orange cast, seem to glow with fire. The best red phlox available today. In gallon cans, 50c each, 6 for \$2.50, 12 for \$5.00; postage extra.



**ASTER, Frikarti Wonder of Staffa**—Lavender blue flowers from 2 to 2 $\frac{1}{2}$  inches across, produced all spring and summer. Does exceedingly well in light shade and comes to perfection in full sun. There are no other hardy plants which bloom so persistently over so long a period—not just a bloom or two but a constant rich display of flowers is kept up the entire summer. The finest garden plant introduced during the past 20 years. 3-inch pot size, 25c each, 6 for \$1.25, 12 for \$2.50; postage extra.



# FIELD AND FARM SEEDS

## ALFALFA

The Most Important and Valuable Field Crop Grown in California

Write for quantity prices. Prices quoted are postpaid to the fourth zone.

Alfalfa continues to be the king of all field crops grown in this state. It is valuable as a feed for all classes of livestock, particularly dairy animals, in practically every county. The only other crop exceeding alfalfa in money value in the state is the orange. Where soil is good, the water supply is adequate, the season sufficiently long, and normal temperatures prevail, alfalfa still is without a peer.

**FANCY CHILIAN OR COMMON**—This variety forms the major portion of the crop grown in California. Meets the needs and conditions of practically all sections of the state, producing excellent yields, and makes a hay of the highest quality. So well adapted to practically every section of the state, no other variety should be given consideration, except under a relatively few different conditions. 1 lb. 45c; 10 lbs. \$4.00.

**HAIRY PERUVIAN**—Produces somewhat larger yields and more winter feed in sections with a long growing season and very

mild winter temperatures. For this reason, of use in Southern California and Imperial Valley. Main objections are: stems are coarser and less leafy than those of Common Alfalfa for hay purposes, and stands are harder to maintain. Has failed to show any superiority in central and northern California over the Common, except in a few localities where it may afford pasture over a slightly longer period in late fall and early spring. 1 lb. 50c; 10 lbs. \$4.50.

**GRIMM**—Noted for its strong winter hardiness, withstanding severe winter conditions without injury. For this reason of value in sections with very low winter temperatures. Becomes dormant early in fall and does not resume growth until late spring. Growing season, therefore, much shorter than that of the other two varieties, even under favorable conditions. In a few northern counties tests indicate it is superior to the Common. 1 lb. 75c; 10 lbs. \$6.00.

## CLOVERS

Of Such High Value Their Presence on a Farm Assures Prosperous Condition!

Prices quoted on Clover Seed are postpaid to the fourth zone.

If interested in quantities larger than quoted here, write for our current market prices.

**ALSIKE OR SWEDISH CLOVER (*Trifolium hybridum*)**—A fine perennial clover adapted to moist or wet lands in the cooler parts of California. Well adapted for pastures and meadows in mountainous areas. Considerably more drought-resistant than Ladino. Blossoms of Alsike valuable for bees. Sow 8 to 10 lbs. per acre. 1 lb. 45c; 10 lbs. \$4.00.

**BOKHARA OR WHITE SWEET CLOVER (*Melilotus Alba*)**—Also called White Melilot and Honey Clover. A biennial clover coming into prominence as a forage crop and soil builder. Succeeds in places where alfalfa does not, resists both heat and cold; its large tap root penetrates stiff clays; its feeding value is about the same as that of alfalfa. Very drought-resistant. Never pasture or cut too close, because the new growth originates on the upper branches instead of on the main stem near the ground. Sow 10-12 pounds per acre on a very firm seed bed. 1 lb. 35c; 10 lbs. \$3.00.

**HUBAM CLOVER (*Melilotus alba annua*)**—Adapted to the same conditions as White Sweet Clover. Hubam is a rapid growing annual sweet clover attaining a height of about 7 feet. Valuable as a catch crop, for pasturage, and as a hay crop. The flowers are rich in honey, being used extensively for this reason by bee keepers. 1 lb. 35c; 10 lbs. \$3.00.

**LOTUS CORNICULATUS**—This legume from Europe does very well in some sections of California, Oregon and Washington. Promising as a pasture and range clover. 1 lb. \$1.65; 10 lbs. \$15.00.

**RED CLOVER (*Trifolium pratense*)**—Sown in combination with timothy for excellent quality hay. Fine particularly for dairy cows and livestock. Best suited for regions with abundant rainfall and without extreme summer and winter temperatures. Does best on the heavier types of soil which are deep, well-drained, and productive. When planted alone, sow 12-15 lbs. per acre. When planted with Timothy sow 8-10 pounds of clover to 2-5 pounds of Timothy to the acre. 1 lb. 45c; 10 lbs. \$4.00.



Lago Brand Alfalfa Has Proved its Superiority for Many Years.



## CLOVERS—(Continued)

**KOREAN LESPEDEZA**, *Lespedeza stipulacea*, Annual type—A variety growing and maturing more rapidly in the spring than other annual strains. Produces spreading to erect growth, depending upon thickness of stand. Very leafy in nature, the foliage being retained after the plant is mature. 1 lb. 30c; 10 lbs. \$2.00.

**JAPANESE LESPEDEZA** (*Lespedeza sericea*) Perennial type — Grows much larger than the annual type, producing many stems to each crown. Said to compare with alfalfa in feed value. 1 lb. 40c; 10 lbs. \$3.00.

## FENUGREEK

*Trigonella foenum-graceum*—A clover-like plant popular as a soil improvement crop. Prefers a medium textured soil of good drainage. Plant in the fall months up to the middle of December, following the harvesting of such crops as sugar beets, tomatoes, etc. Hardy, makes considerable growth during winter months when many other green manure crops are at a standstill. Produces succulent vigorous growth; plow under about April of the following spring. Develops a deep penetrating root system covered with nitrogen fixing nodules. Sow 20 lbs. per acre. 1 lb. 25c; 10 lbs. \$2.00.

## LADINO CLOVER — Unexcelled for Pasture

Prices on Ladino Clover fluctuate. Write for prices on quantities larger than quoted in this catalog. Prices are postpaid to fourth zone.

During the past few years the increasing use and widespread planting of Ladino Clover for forage and pasture purposes has been so phenomenal that Ladino is now of major importance as a forage crop in California. It has aptly been termed a crop which is turning our central valleys into a paradise of wealth. Ladino is proving indispensable because it is adaptable to unlimited acreages where alfalfa is not suitable.

There are many soils too heavy or too shallow for alfalfa. Ladino, having a very shallow root system, does not need a great depth of soil. Heavy soils are, in addition, more retentive of moisture which makes an ideal condition for Ladino. Hardpan close to the surface of the soil is beneficial rather than detrimental, for it keeps the water within the reach of the plant roots for a longer period of time.

Again, areas foul with sod forming weeds rapidly thin out alfalfa stands. Ladino, due to its tremendous spreading ability by means of its elongating stems next to the ground, is able to compete with all such grasses. Even in sections infested with Bermuda, Ladino gives complete satisfaction if given plenty of water.

Alfalfa wilt and dwarf diseases are becoming increasingly serious in California. These diseases do not affect Ladino, which can be grown on such lands where alfalfa proves no longer profitable. On all such difficult areas and under the adverse conditions as mentioned above, with adequate irrigation Ladino prospers and succeeds, forming a long-lived pasture. Coupled with this also, its pasture value has been found unsurpassed, for the part of the plant available to the grazing animal consists mostly of the highly nutritious leaves.

Lago Brand Ladino is a pioneer in the Sacramento and San Joaquin Valleys where it has a long reputation of the highest merit. Sow 5 to 6 lbs. per acre. **Lago Brand Genuine Ladino Clover**, 1 lb. \$1.00.

### CULTURAL SUGGESTIONS FOR LADINO CLOVER

Many growers have become discouraged with Ladino on first planting attempts, or disappointed, due often to the slow growth or poor showing of new Ladino stands. Such results, in most all instances, may be avoided if the necessary cultural requirements are given proper attention.

In the preparation of the land prior to planting, two important factors must be given due consideration. First, Ladino seed, because of its very small size, must be sown on a very firm seed bed. Second, careful levelling and preparation of the land for thorough and easy irrigation is essential.



LADINO AN ALL-PURPOSE CLOVER FOR PASTURE, HAY OR SEED

The above illustration brings out the invaluable use of Ladino particularly as a pasture crop. As such, Ladino produces a very heavy tonnage of rich succulent feed highly relished by all types of livestock. Chemical analysis shows a very high protein content, particularly in the immature or growing stage. For this reason, of wonderful value as a pasture for dairy cattle or sheep which require feed high in proteinaceous materials, especially the former for high milk production.

Ladino hay is similarly of excellent quality. If considerable acreage is grown, use Ladino both for pasture and hay. The spring growth can be used entirely for pasture, the summer growth for hay, and the later growth for either pasture or hay, or as a seed crop—a practice now being considered by many of our California farmers. While the tonnage per acre for hay is not large for any one cutting, because of the hay consisting mostly of leaves and leaf stems, the feeding value as stated is very high.

Consider this high value of ladino together with its easy adaptability and culture: Grows on soil too heavy or too shallow for alfalfa; likewise, on soils too wet for the former; competes with sod-forming and pernicious grasses on fowl areas; grows on alfalfa-sick soil. Does this not give some idea of the ever-increasing importance of Ladino as a forage crop in this state?



Individual plant of Lago Brand Ladino Clover showing vigor and prolific branching habit.

## STRAWBERRY CLOVER (*Trifolium fragiferum*)

Adapted to Conditions Adverse for all Other Clovers

Write for prices on Strawberry Clover on quantities larger than quoted in this catalog. Prices quoted are postpaid to the fourth zone.

One of our newer clovers, destined to become more widely used due to its ability to grow under conditions adverse or entirely unsuitable for any other variety of clover. The following are the chief virtues of Strawberry Clover:

1. This clover will grow on seeped, saline or alkaline soils which are considered as waste lands. Tests have shown that it will make a good growth in association with salt grass, etc., established stands having survived a salt concentration of over 3 per cent during both winter and summer. Little growth, however, is made under such high concentrations. Its growth is by no means limited to such areas, as it thrives on low, moist, non-salty soils as well.

2. Strawberry Clover makes its best growth in very wet or moist soils, thereby being valuable for poorly drained areas, or where there is flooding. Tests again have shown it has the ability to withstand flooding from one to two months.

3. Strawberry Clover is able to thrive under great extremes of temperatures ranging from 40 degrees below zero to high summer temperatures.

4. Stands when once established are long-lived. Several plantings have been known for 30 years or more.

5. All types of animals and poultry have grazed Strawberry Clover with good results. Its use is mainly limited to pasturage, as it seldom grows high enough to harvest for hay. Feeding tests have determined it is as rich in animals feed units as many of the different types of White Clover.

6. While rotational grazing naturally favors higher production, it has been grazed continuously from early spring until late fall without affecting the stand.

7. The blossoms are visited by honey bees in large numbers, indicating this clover is a good honey plant as well.

The main plant characteristics of this perennial clover are a very low spreading type growth of creeping stems which root at the nodes. Flower heads are round, being pink and white in color. This clover deserves more widespread testing in our own section of the state. 1 lb. 75c; 10 lbs. \$5.50.

## PLANT CALIFORNIA BUR CLOVER

Hardy — Vigorous Growing — Ideal for Cover Crop, Pasture, and Ranges.

Write for prices on Bur Clover on quantities larger than quoted in this catalog. Prices quoted are postpaid to the fourth zone.

Bur Clover (*Medicago hispida denticulata*) is an annual clover increasing in prominence each year because of its many uses and easy adaptability.

First, it proves very useful as a catch or cover crop. The plants branch profusely from the crown, forming from 10 to 20 spreading or decumbent branches from 6 to 30 inches long. The roots are extremely fibrous and spread widely in the soil. Hence, washing and leaching of the soil are prevented during the winter months, and the soil is enriched with valuable nitrogenous material if the crop is later turned under. Decays rapidly when turned under, very shortly becoming incorporated into the soil, an important feature to consider of any cover or green manure crop.

Second, as a pasture crop it is excellent for hogs, sheep, and cattle. Sown either alone or for permanent pastures in combination with perennial grasses and other clovers. Insures abundant winter feed during the time many species are dormant. Very desirable results are obtained in seeding ranges during the fall with Bur Clover. Though an annual in growth, it reseeds itself readily each year, covering the ground during the winter months.

Third, while preferring a moist well-drained soil for its maximum development, it thrives even on poorly drained soils. The only two prerequisites necessary for its success are fairly mild



### BUR CLOVER USEFUL FOR FALL SOWING ON RANGES

For ranges, bur clover makes an excellent winter and spring growth for feed purposes. On ranges where grasses have become sparse due to heavy grazing, or more especially on burnt over areas, bur clover will easily turn such sections again into profitable range lands. In the case of burnt over areas, sow seed right in the ashes which makes for an excellent seed bed.

Sowing should be made as early as possible in the fall to insure the full benefit of fall rains permitting the clover to establish an early growth. On ranges which are being grazed, permit animals to continue feeding after seed has been sown, as this practice helps to trample seed into ground, thereby inducing quicker germination of the seed.

A light sowing of 5 to 8 pounds per acre proves most satisfactory. On ranges covered with heavy vegetation, or growth, the sowing of bur clover has not proven too successful and is therefore not recommended.

winter conditions, as experienced in our interior valley and foothill areas, and sufficient moisture provided by winter rains. 1 lb. 30c; 10 lbs. \$2.50.

## MELILOTUS INDICA

(Yellow Annual Melilot or Sour Clover)

Melilotus Indica Develops Luxuriant Tonnage of Growth for Cover or Green Manure Crops

Write for prices on Melilotus Indica on quantities larger than quoted in this catalog. Prices quoted are postpaid to the fourth zone.

Another annual clover, being more extensively used each year for cover crop purposes. Outstanding because of its high fertilizing value and the large tonnage of growth produced for incorporation into the soil. The well defined tap root penetrates deep into the soil and the numerous lateral roots spread in all directions. The root system is covered with nitrogen fixing bacterial nodules which utilize atmospheric nitrogen, and place this in a form usable by succeeding crops. Succeeds on most any type soil, even on wet or poorly drained soils, making a vigorous

growth during the winter. Orchardists use it extensively as a cover crop in peach, walnut, citrus, etc., orchards. Equally as good for any open type land. For best results, plough under when in full bloom. Has limited use as a feed for livestock. Can be pastured off during the early part of the growing season, and then permitted to grow again for a good growth for turning under. While the plant contains a bitter tasting compound known as "Cumarin", this flavor is not objectionable to livestock if pastured while plants are young and tender. 1 lb. 25c; 10 lbs. \$2.00.





**LAGO BRAND BALANCED PASTURE MIXTURES INSURE YOU OF AN ALL YEAR AROUND OR EVERGREEN PASTURE**

**SACRAMENTO COUNTY AGRICULTURAL EXTENSION SERVICE PASTURE RECOMMENDATION**  
The Farm Advisory Staff working in Sacramento County, have spent a long period of years in thoroughly testing and checking permanent pasture grass mixtures for this county, particularly in relation to the soil conservation program. The following is their recommendation for one of the best balanced pastures mixtures obtainable.

**Ladino Clover (4 lbs.), English Rye Grass (2 lbs.), Domestic Rye Grass (2 lbs.), Orchard Grass (2 lbs.), Tall Fescue (4 lbs.), Alfalfa (2 lbs.)**

The English and Domestic Rye Grasses are very quick growing and are easily established. They are useful for this reason in providing a large amount of feed, while the Ladino Clover is getting started. Secondly, these grasses grow well during the winter months while the clover is practically dormant. The Orchard and Tall Fescue grasses, on the other hand, make little growth in the winter, but start early in the spring, continuing a rapid growth throughout the summer and fall period. The main purpose of the Alfalfa in the mixture is to send its deep penetrating root system down through the borders, thus enabling it to cover the border areas to advantage. It can readily be seen, then, that this balanced mixture is well adapted to the essential requirements which it must meet, as a permanent pasture mixture. **Cost, \$7.50 per acre.**

**IMPORTANT CAUTION WHEN SOWING SEED OF PASTURE GRASS MIXTURES**

Particular caution must be taken while sowing any mixed pasture seed. The seed must be thoroughly mixed at regular intervals during the sowing process. Otherwise, the heavy seed goes out first, followed by the lighter seed. For even distribution, keep seed constantly mixed.

**Lago Brand Evergreen Pasture No. 1  
For Sacramento Valley Shallow  
Hardpan Soils**

This mixture is made up of the regular amount of Ladino Clover (5 lbs.) with the addition of Western Rye Grass, Orchard Grass, and Dallas Grass. Should be seeded at the rate of 15 lbs. per acre. **Cost, \$8.40 per acre.**

**Lago Brand Evergreen Pasture No. 2  
For Sacramento Valley Deep Soils**

This mixture is made up of the regular amount of Ladino Clover (5 lbs.) per acre with the addition of Alfalfa, Western Rye Grass, Orchard Grass, and Meadow Fescue, compounded to give a high production per acre over the whole year. Sow at the rate of 18 lbs. per acre. **Cost, \$8.80 per acre.**

**Lago Brand Evergreen Pasture No. 3  
For San Joaquin Valley Shallow  
Hardpan Soils**

Made up of the regular amount of Ladino Clover (5 lbs.) per acre with the addition of Western Rye Grass, Orchard Grass, and Dallas Grass. Sow at the rate of 15 lbs. per acre. **Cost, \$7.80 per acre.**

**Lago Brand Evergreen Pasture No. 4  
For San Joaquin Valley Deep Soils**

Made up of the regular amount of Ladino Clover (5 lbs.) per acre with the addition of Alfalfa, Yellow Flowered Sweet Clover, Western Rye Grass, and Dallas Grass. Sow at the rate of 15 lbs. per acre. **Cost, \$7.80 per acre.**

## GRASS SEEDS

Write for prices on grass seeds for quantities larger than quoted in this catalog. Prices quoted are postpaid to the fourth zone. **ALFILARIA (Erodium cicutarium)**—One of the most nutritious of fodder plants, well liked by cattle and horses. Makes good pasture on dry hillsides. Seed mats and must be hand-sown. Sow 20 pounds per acre. **1 lb. \$1.00; 10 lbs. \$9.00.**

**BLUE GRASS, WINTER, or Poa Bulbosa**—A recent introduction from Oregon where it is considered valuable for winter pasture. Grows from October to the end of April. During the summer the grass dries up and remains dormant until the following fall. Produces heavy sod and growth is 3-6 inches high. **1 lb. 60c; 10 lbs. \$5.00.**

**BROME GRASS (Bromus inermis)**—A long-lived perennial grass. Succeeds best under more or less cool conditions. Main period of growth occurs in the summer. Withstands long period of drought. Spreads by underground runners. Very palatable for livestock. Sow 25-30 lbs. per acre. **1 lb. 40c; 10 lbs. \$3.50.**

**DALLAS GRASS (Paspalum dilatatum)**—A low spreading perennial grass producing leafy clumps. Though very drought-resistant, growth is ideal with rather heavy soils and frequent irrigations. One of the best grasses to combine with Ladino for pasture purposes. Rather slow like Ladino in establishing itself; a quick growing grass like rye should be included in the mixture when sown. While palatable to livestock they prefer the Ladino, which causes Dallas to shoot up seed stalks and reseed itself to the detriment of the clover. Therefore, graze heavily or cut back before seed is produced to maintain a well-balanced mixture.

## EVERGREEN PASTURES

### PLANTING AND MAINTAINING EVERGREEN PASTURES

Sowing seed of various grasses mixed with Ladino Clover seed is becoming an ever important practice in the establishment and maintenance of evergreen, or permanent, pastures. This practice is highly recommended for a number of very important reasons.

All livestock men are aware of the constant danger of bloat when animals are pastured exclusively on Ladino Clover. Ordinarily, during the first few years after planting, little trouble of this kind is experienced due to the native grasses and weeds which are present. Eventually, as the Ladino crowds these out, and becomes a pure stand, bloat often becomes very serious. To reduce this tendency of Ladino to bloat, it is well to use some types of grasses with the clover.

By using other grasses in combination with Ladino, a good quantity of feed is, likewise, insured throughout a longer growing season. Furthermore, due to an increased feeding value, livestock have been found to do better on a mixed forage.

The kinds of grasses to use with Ladino and their relative proportions has been receiving much attention by experiment station men, seedmen, farmers, etc. The following mixtures which we offer have been formulated after a long period of observation and experience in this field of work.

Main growth is in spring and summer. Sow 8 to 10 lbs. per acre. **1 lb. 50c; 10 lbs. \$4.50.**

**HARDING GRASS (Phalaris bulbosa)**—When once established, a persistent long-lived perennial grass, producing large dense leafy tufts of grass. Makes a good growth during the winter months. Will provide a large amount of feed in winter. Warm summer weather checks growth, but luxuriant other times. Holds its own in a stand of Ladino. Should be much more widely used. For best results sow in fall along with clover at the rate of 2-3 lbs. per acre. **1 oz. 15c; 1 lb. \$1.50.**

**ITALIAN RYE GRASS (Lolium italicum)**—An annual grass valuable for sowing with Ladino Clover because of its rapid or quick growth, giving good foliage while Ladino becomes established. Grows well during the winter, providing forage while the clover is practically dormant. Like Ladino, it requires heavy moist soils. When sown alone good for temporary pasture or for use as a high quality, very sweet hay. **1 lb. 25c; 10 lbs. \$2.00.**

**MEADOW FESCUE (Festuca elatior)**—A long-lived perennial bunch grass. Will grow well in shade. Promising for mixture with Ladino on very heavy wet soils. Similar in growth and habit to Red Top but under many conditions produces a larger quantity of feed. In mixture sow 6-8 lbs. per acre. Alone sow 25-30 lbs. per acre. **1 lb. 50c; 10 lbs. \$4.50.**

**MESQUITE (Holcus lanatus)**—Good on cleared redwood and pine lands of California and Oregon, giving large crops of hay and good pasture. Usually sown on virgin soil without cultivation, after ground is burned over. Sow 15 pounds hulled seed per acre. Hulled seed, **1 lb. 35c; 10 lbs. \$3.00.**

**ORCHARD GRASS OR COCKSFOOT** (*Dactylis glomerata*)—A perennial bunch grass withstanding heat, some drought, and adapted to wet soils. Main period of growth starts in spring. Does not tolerate alkali. When combined with Ladino, graze heavily or cut back before seed is formed. Otherwise, the clover being more palatable is grazed closely and weakened, allowing the Orchard Grass to take the entire field. Good for hay when planted alone or with Red Clover. 1 lb. 50c; 10 lbs. \$4.50.

**TALL FESCUE**—A selection by the U. S. Department of Agriculture out of the well known and widely used meadow fescue. The latter grass has been used most successfully as a vigorous bunch grass in combination with Ladino Clover. Tall Fescue improves the vigor and quality of meadow fescue, and is being widely recommended for its active summer growth in pasture mixtures. Destined to become one of the leading pasture grasses. 1 lb. 50c; 10 lbs. \$4.50.

**RED TOP** (*Agrostis palustris*)—A perennial sod forming grass with vigorous shallow root stalks. Recommended for the cooler sections of the state especially when used with Ladino. Growth starts very early in spring. Tolerates both wet and dry conditions, sour soil, and relatively low temperature. Does well in combination with Meadow Fescue, Orchard Grass, or Alsike Clover. Seeding rate in mixture, 2-4 lbs. per acre. Alone, 14 lbs. hulled seed to the acre. 1 lb. 40c; 10 lbs. \$3.50.

**RHODES GRASS** (*Chloris gayana*)—A perennial grass spreading by runners which root at the nodes. Produces very fine stems and leaves. Outstanding virtue is its adaptability to alkali soils. Requires mild climate for satisfactory development. When establishing, keep surface soil constantly moist for a long period. Very palatable for livestock as a pasture or hay. Sow 4 to 6 lbs. per acre. 1 lb. 50c; 10 lbs. \$4.50.

**TIMOTHY** (*Phleum pratense*)—A perennial grass valuable as a hay crop. High palatability and slight laxative effect, combined with moderate nutritive value. Requires loamy soil and good drainage. Not adapted to dry soils. Withstands extreme cold conditions. Not recommended for pasture. 1 lb. 25c; 5 lbs. \$1.00;

**TALL MEADOW GRASS** (*Arrhenatherum elatius*)—Hardy perennial grass, 30 to 60 inches high, producing large tufts or bunches. Very palatable, highly nutritious. Prefers well drained soils. Fine for pasture and hay. Furnishes abundant feed, coming on early in spring and remaining until late autumn. Sow with Red Clover, Alsike Clover, and Orchard Grass, as all of these plants mature at the same time. Sow 40 lbs. per acre. 1 lb. 50c; 10 lbs. \$4.50.



*Sudan Seed Field of Sudan New No. 23, introduced by University of California.*

This new strain of Sudan is an improvement over the regular Sudan. It is much more productive in that it produces a much larger crop of leaves up to 25% more and the feed and hay is of excellent quality. A pure strain free of hybrid mixtures. Our seed is certified by the state. 1 lb. 25c; 10 lbs. \$2.00. Write for price in larger quantities.



## VETCHES AND FIELD PEAS

### Unsurpassed for Hay, Pasture, and Soil Improvement

Write for prices on Vetch and Field Peas for quantities larger than quoted in this catalog. Prices quoted postpaid to fourth zone.

**COMMON VETCH** (*Vicia sativa*)—Likewise, called Oregon and Spring Vetch. The most commonly used variety in the state. Succeeds best in our own interior valley and foothill regions. Adapted to a wide range of soil conditions as long as adequate drainage is provided. Withstands low winter temperatures. If planted with oats, rye, or barley, can be pastured in late winter and early spring, and by removing livestock in March, will also produce a good hay crop in May or June. 1 lb. 25c; 10 lbs. \$2.00.

**PURPLE VETCH** (*Vicia atropurpurea*)—Succeeds under normal conditions in our interior valley sections, but better adapted for all coastal regions, where it produces larger yields than the Common Vetch. Makes more growth during the winter than any other but less winter-hardy than the Common or Hairy types. Very palatable for livestock as a pasture or hay, and of extremely high feeding value. 1 lb. 25c; 10 lbs. \$2.00.

**HAIRY VETCH** (*Vicia villosa*)—Also called Winter Vetch, Siberian Vetch, etc. Extremely hardy. Particularly adapted to sandy or sandy loam soils. Very winter-hardy. Drought-resistant, and more alkali tolerant than other varieties. Its chief disadvantage

lies in the fact that it makes little vegetative growth during the winter, hence of little value for winter pasture. Plants grow very rapidly with the coming of spring weather. 1 lb. 30c; 10 lbs. \$2.50.

**AUSTRIAN WINTER PEA** (*Pisum arvense*)—The most winter hardy of all field peas. Prefers clay or clay loams, but will succeed on most types of soil providing drainage is adequate. Does well in combination with oats, rye, or barley which act as a supporting crop. Growth is slow during the cold months; rapid growth is made in spring weather. The most promising field pea for hay production in California. Excellent for pasture and cover crop purposes. 1 lb. 25c; 10 lbs. \$2.00.

**CANADIAN FIELD PEAS**—Another variety of *Pisum arvense* suitable for same conditions as Austrian Winter Peas. Less winter hardy, however, than the latter. The main advantage over the Austrian Winter Pea is its better growth during fall and winter months and earlier maturity in spring. Very difficult to cure as a hay crop, so use as either a spring pasture crop or an early maturing cover crop for soil improvement where early spring planting is required of the crop to follow. 1 lb. 25c; 10 lbs. \$2.00.



## MISCELLANEOUS FARM SEED

PRICES ON FIELD SEEDS FLUCTUATE. WRITE FOR PRICES ON QUANTITIES LARGER THAN QUOTED IN THIS CATALOG.  
PRICES QUOTED ARE POSTPAID TO THE FOURTH ZONE.

**BEANS, SOYBEAN (Soja max)**—Very good vegetative growth for a summer green manure crop. To avoid detrimental results from attack by red spider, the plants should be well supplied with moisture at all times, and kept in a healthy vigorous condition. 1 lb. 30c; 10 lbs. \$2.00.

**BEANS, BROAD WINDSOR OR FAVA**—A fine cover crop on heavy types of soil. Makes vigorous tall growth for ploughing under, and roots are covered with bacterial nodules. Plant in fall or early winter months at the rate of 60 lbs. per acre. Is ready to plough under any time in spring. 1 lb. 35c; 10 lbs. \$3.00.

**CORN, EGYPTIAN OR WHITE DURRA**—One of the most valued of all sorghums for California poultrymen. Earlier maturing than Milo; valuable in northern districts, and in very dry situations. Produces tall plants from 4 to 8 feet in height, with large compact ovate heads bearing strongly flattened white seed. Culture same as Milo. 1 lb. 20c; 10 lbs. \$1.75.

**COWPEA, BLACK EYE**—The black-eye bean in California is grown extensively in the Sacramento and San Joaquin Valleys. When grown under favorable conditions make satisfactory yields of very good quality. Plant in spring as soon as danger of frost is past, or during first part of July for fall crop. Requires from 120-140 days to mature. 1 lb. 20c; 10 lbs. \$1.50.

**COWPEA, BRABHAM (Vigna sinensis)**—One of the leading varieties of cowpeas due to its resistance to fusarium wilt disease and rootknot caused by the bean nematode. Of value, therefore, on soils of coarser texture where rootknot might be a limiting factor in production of succeeding crops. Used as green manure crop, but good, likewise, as forage crop. Not particular as to soil type and makes a vigorous growth. Plant any time in spring after the ground is warm. Only requires from 90 to 120 days for good growth and maturity from time of planting. 1 lb. 25c; 10 lbs. \$2.

**COWPEA, WHIPPOORWILL**—Similar to the above variety, but not resistant to nematode. Where nematode is not a factor, will make an abundant growth during the late spring and summer months for cover crop or forage purposes. Plant after danger of frost is over, preferably when the soil is warmed. 1 lb. 30c; 10 lbs. \$2.50.

**MILLET, GERMAN (Panicum germanicum)**—Variety of foxtail millet for forage, both hay and pasturage, and poultry. Requires warm weather during growing season, not thriving in cool summer temperatures. Does best on good well-drained soil, and yields heavily when irrigated—40 to 60 bushels of seed per acre. A rapid grower. 1 lb. 20c; 10 lbs. \$1.75.

**MILLET, HOG OR BROOMCORN**—The seed is large for a millet and is a rich food. A valuable feed for hogs as well as for birds and poultry. Is better adapted for the production of grain than for pasture. 1 lb. 20c; 10 lbs. \$1.75.

**RAPE, DWARF ESSEX**—An excellent pasture crop for hogs, sheep and cattle, or as a green feed for chickens. Thrives on all soils and is ready for use in 6 to 8 weeks



A field of the new Double Dwarf Milo growing on soil heavily infested with the pythium root-rot disease. Vacant in-between rows were planted with Common Double Dwarf Milo which completely died in the seedling stage. As a contrast, note the luxuriant growth of the new resistant strain.

### Resistant Double Dwarf Milo

A new strain of Double Dwarf Milo recently released by the California Agricultural Experiment Station, bred resistant to the pythium root-rot disease. Practically all California soils where Milo has been grown are infested with this disease organism. Extensive experimental work by the California Station has shown the disease is not transmitted by the seed but spreads by either soil transmission, plant refuse, or water overflow.

The casual organism enters the roots from the soil. The leaves first turn yellow, soon accompanied by a gradual wilting of the plant. A cut through the lower part of the stem or crown of the plant shows

a brick red color, indicating the entire collapse of the water conducting tissues of the plant.

Resistant double dwarf Milo has been bred resistant to this disease and will grow luxuriantly on heavily infested soil. The new strain is similar in all characteristics to the common double dwarf Milo, except having the added resistance of not being susceptible to the root-rot disease. All acreages devoted to this crop should now be planted with this new resistant strain of double dwarf Milo.

**RESISTANT DOUBLE DWARF MILO**—Lb. 20c, 10 lbs. \$1.50. Write for prices in larger quantities.

**STOCK BEETS (Mangel Wurzel)**  
**GIANT SUGAR ROSE TOP**—Pkt. 10c; 1 oz. 15c; 1 lb. \$1.00; 5 lbs. \$4.50.  
**LONG RED**—Pkt. 10c; 1 oz. 15c; 1 lb. \$1.00; 5 lbs. \$4.50.

**SUGAR BEETS**  
**KLEIN WANDERER**—Pkt. 10c; 1 oz. 15c; 1 lb. \$1.00; 5 lbs. \$4.50.

**FIELD CORN**  
**KING PHILLIP**—A hard yellow flint corn. More drought resistant than other varieties; early maturing. Good all-purpose variety. 1 lb. 25c; 10 lbs. \$1.50.

**REID'S YELLOW DENT**—Very popular for seed and silage. 8 to 24 rows on the ears. 1 lb. 25c; 10 lbs. \$1.50.

**HICKORY KING**—Entirely distinct, having the largest grain with the smallest cob. Very productive white dent maturing in 110 days. 1 lb. 25c; 10 lbs. \$2.00.

**YOLO**—A recent introduction of the University of California and the best variety for our interior valleys. A cross between King Phillip Hybrid and Reid's Yellow Dent. Very heat tolerant. Unexcelled for poultry feed. 1 lb. 25c; 10 lbs. \$2.00.

after sowing. Requires cool moist growing weather; plant in fall or early spring. A gross feeder that can be used on recently drained swamp lands or newly cleared areas. Sow 8 to 10 lbs. per acre broadcast. 1 lb. 30c; 10 lbs. \$2.50.

**SORGHUM, EARLY AMBER**—A variety of saccharine or sweet sorghums, high in sugar, with a juicy pith or interior. Good as a forage crop which can be fed either green or cured. Matures in from 90 to 100 days, grows from 10 to 12 feet high and has from 8 to 10 leaves. Yields two or three cuttings a year, standing out thicker each time it is cut. Plant any time after soil becomes warm in spring. Drill in at the rate of 5-8 lbs. per acre in rows 3½ to 4 feet apart. 1 lb. 25c; 10 lbs. \$1.75.

**SORGHUM, HONEY**—Also a variety of sweet sorghum used mainly for forage. Similar to the above variety only heavier in production and later in maturity requiring from 140 to 150 days for maturity. Grows 8 to 12 feet high and yields up to 27 tons per acre without irrigation. Sow in rows 3 to 3½ ft. apart using up to 4 lbs. of seed per acre. 1 lb. 25c; 10 lbs. \$1.75.



# LAGO BRAND VEGETABLES

*from the Heart of California!*

\* Indicates varieties particularly suited and adapted for Northern California. Recommendations based on our growing experience of long years.

## ARTICHOKE

Sow seed during March or April. When plants are large and strong they should be transplanted in rows 3 or 4 feet apart and 2 feet apart in the row. Plants will produce a crop of buds the second year.

**\*LARGE GREEN GLOBE**—Most popular garden type, having large edible buds or flower buds of deep green color and globe or ovoid-shaped. **Seed, Pkt. 10c, oz. 50c, ¼ lb. \$1.50. Plants (postpaid 4th zone) 25c each, \$2.50 doz.**

## Jerusalem or Tuberose-Rooted

Produces potato-like tubers. The tubers are planted and cultivated the same as potatoes. One of the best hog feeds. Remarkable for their fattening properties and productiveness (over 1,000 bushes have been raised on one acre). Self rooting. Plant 10 bushes per acre. (Postpaid 4th zone) **lb. 35c, 10 lbs. \$2.50.** Write for our special prices on quantities larger than listed here.

## ASPARAGUS

To insure even germination soak seed in water 24 hours before planting. Sow at the rate of 15-20 seed per row foot and cover 2 inches deep. Rows should be 18 inches apart. Irrigate frequently and keep weeds down. In the late fall cut off all top growth and leave the roots in the bed until the following spring, when they should be dug and transplanted to the permanent bed.

The permanent bed should be worked well to 16-18 inches deep and have a heavy dressing of stable manure applied. Set roots with crowns up, 6-8 inches deep and 2 feet apart in rows that are 4 feet apart. Cover roots with 3 or 4 inches of soil. As the roots make stronger growth more dirt, a little at a time, may be hilled up over the root crowns. Do not harvest spears the first year but allow full growth. In late fall

after top growth has dried, cut and burn. Repeat this same process the second season and by the third season, an abundant supply of delicious spears should be harvested.

**\*MARY WASHINGTON**—Considered the very finest strain as it produces large round tender dark green spears. It is quite early, rust-resistant and very vigorous. **Seed, Pkt. 10c, oz. 15c, ¼ lb. 30c, ½ lb. 50c, lb. 85c.**

**PALMETTO**—An old standard variety, large, early, prolific. **Pkt. 10c, oz. 15c, ¼ lb. 30c, ½ lb. 50c, lb. 85c.**

## Asparagus Roots

**MARY WASHINGTON**—Strong vigorous 1-year roots. Postpaid within 4th zone. **40c per doz., \$2.50 per 100.**

## White or Green Spears

Both white and green spears may be cut from the same root. When spears are allowed to grow out well above the soil surface they turn green, but when cut 4 or 6 inches below soil surface the spears will be white.

## BRUSSEL SPROUTS

This vegetable can be grown wherever conditions are favorable for late cabbage. Set plants 2 ft. apart in rows spaced 3 ft. apart.

**\*LONG ISLAND IMPROVED**—Plants are of dwarf habit about 20 inches high, yielding a great number of sprouts of excellent quality. **Pkt. 10c, oz. 60c, ¼ lb. \$2.00, 1 lb. \$6.00.**



*Brussel Sprouts*



# Beans Fresh From Your Own Garden



Beans, Kentucky Wonder

## BEANS

Beans should be planted in a good warm, dry soil after all danger of frost is past. Rows should be 2-3 feet apart and plants should be thinned to 4 to 6 inches apart in rows. If planted in hills drop 6 or 7 seeds per hill with hills about 2 feet apart each way. As plants grow larger pull dirt up around stems to support plants. For succession of crop plant every two weeks until mid-summer.

### Bush Green Pod Beans

Bush or dwarf vine-beans are the earliest and most hardy beans and are usually the first to be planted. They need no vine support other than hilling dirt up around the stems for reasonable support. They produce plentifully on good rich soil.

#### \*PLENTIFUL—Outstanding New Variety—49 days.

A marvelous new bush bean similar to the well known variety Bountiful, but superior in several ways. Pods are longer, slightly thicker, darker green, more tender, and better in flavor. Has been highly bred for productivity, straightness of pods, and stringlessness with a minimum of fibre. Resistant to two common forms of bean rust. Black seeded. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.90.

**\*LAGO PIONEER (Bachicha Beans)**—55 days. Green pod, unexcelled for home garden and market or shipping. Medium fleshy pods of medium dark green color; 6 inches long, about half inch wide. Seeds kidney shaped; color, red with light blotches. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.90.

**STRINGLESS BLACK VALENTINE** — 53 days. An improved strain far superior to the old Black Valentine Early, productive

and excellent flavor. Round dark green pods. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.90.

**\*STRINGLESS BOUNTIFUL (New)** — 48 days. This important early variety is desirable for the home, market gardener and for early shipping. Flat pods ½ inch wide and 6½-7 inches long, stringless. A very popular flat-podded green bean. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.90.

### Pole Green Pod Beans

**BURGER'S GREEN POD STRINGLESS (White Seeded Kentucky Wonder)** — 64 days. The pods are firm, dark green, round, 6-7 inches long, ½ inch across, tender, stringless and without fibers. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.90.

**\*KENTUCKY WONDER or OLD HOME-STEAD**—65 days. The most popular of all pole varieties, vigorous and highly productive. The beans which hang in clusters, are slender, dark green, and often 10 inches long. The best eating quality of all green pole beans. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.90.

**LONDON HORTICULTURAL or SPECKLED CRANBERRY (Italian Pole)**—70 days. Vigorous and a heavy producer of pods, 6 inches long, ¾ inch across, green at first but maturing to yellowish green splashed with red. Excellent as a green shell bean. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.90.

**\*MILANESE or MILAN**—75 days. Pods are deep green, 5 to 6 inches long, ½ to ¾ inches broad, thick and meaty with absolutely no strings up to time of full maturity and practically fiberless. Pkt. 10c, ½ lb. 25c, 1 lb. 40c, 5 lbs. \$1.75, 10 lbs. \$3.25.

**SCARLET RUNNER** — 90 days. Largely grown as an ornamental, for its attractive flower clusters. Good snap bean. Pkt. 10c, ½ lb. 25c, 1 lb. 45c, 5 lbs. \$1.50.

**YARD LONG or CHINESE**—75 days. Pods are round, usually 18 to 24 inches long, but frequently 30 to 36 inches in length. Tender and of good quality, somewhat different in taste from other beans. Pkt. 10c, oz. 15c, ¼ lb. 25c, 1 lb. 75c.

### Bush Wax Pod Beans

Wax beans are a light yellow color and have a mild flavor. Grown in the same manner as the green podded varieties and will produce equally as well.

**DAVIS STRINGLESS WHITE WAX** — 52 days. Plants are large and thrifty. Pods are light yellow, 6-6½ inches long, and ½ inch across. Dry seeds excellent for baking. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.90.



Bush Bean, Plentiful—Outstanding New Variety

**IMPROVED GOLDEN WAX** — 49 days. Small sturdy plants are very productive. Pods are 4½ to 5 inches long, ½ inch across. Thick, flat, straight, stringless. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.90.

**\*SURE-CROP BLACK WAX** — 53 days. Plants are vigorous and highly productive. Pods round, slightly curved, fleshy, golden yellow, tender, brittle and absolutely stringless and of finest quality, 6-6½ inches long, 7/16 inch across. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.90.

### Pole Wax Pod Beans

**KENTUCKY WONDER WAX** — 67 days. Very similar to the green podded Kentucky Wonder, except the pods are a little broader and of handsome light yellow color, often 8 to 10 inches in length. They are very fleshy and stringless as snaps and of excellent quality. Pkt. 10c, ½ lb. 25c, 1 lb. 45c, 5 lbs. \$1.50.

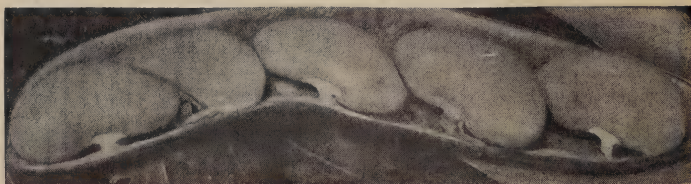
### Butter Beans

In the northern latitudes the term "butter beans" is often applied to beans producing wax pods, while in the south the term is usually applied to Limas.

### Fava Beans

(Broad Windsor Beans)

**\*IMPROVED GIANT LONG POD** — 73 days. A late variety used largely for green shell beans. The pods are a glossy light green color, 8 to 10 inches long, 1¾ inches broad and flat with usually 6 seeds per pod. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.90.



King of the Garden Lima Beans

**BEANS—(Continued)****LIMA BEANS****Bush Varieties**

Should not be planted until the ground has become thoroughly warm. If possible, select rich, light soil. Plant in drills two to three feet apart, dropping the beans three to four inches apart and covering  $1\frac{1}{2}$  to 2 inches deep.

**\*BURPEE'S IMPROVED BUSH LIMA**—75 days. Plants are vigorous and productive. Pods very large, about 5 inches long, thick and usually containing four beans, which are unusually thick, of largest size and excellent quality. Pkt. 10c,  $\frac{1}{2}$  lb. 20c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.90.

**\*FORDHOOK BUSH LIMA (Potato Lima)**—75 days. An excellent variety. The pods, which are produced in clusters, are about  $4\frac{3}{4}$  inches long and each pod contains three to five large beans of fine quality. The finest quality lima bean. Pkt. 10c,  $\frac{1}{2}$  lb. 25c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.90.

**HENDERSON'S BUSH LIMA** — 65 days. Also known as *Baby Lima*. Early, hardy and productive. Seed, small, flat and white with slight tinge of yellow. Pkt. 10c,  $\frac{1}{2}$  lb. 20c, 1 lb. 30c, 5 lbs. \$1.25.

## Broccoli and Cauliflower for Delicious Fall and Winter Dishes

### Italian Green Sprouting Broccoli (Calabrese)

Distinctly different from Cauliflower type. Bears a succession of sprouts 5 to 6 inches long terminating in a small head of deep green buds. If kept cut these sprouts will be replaced by others for 8 to 10 weeks. Cook only 15 to 20 minutes. Pkt. 10c, 1 oz. 75c,  $\frac{1}{4}$  lb. \$2.50, 1 lb. \$8.00.

**BROCCOLI****Cauliflower Type**

Heading or Cauliflower broccoli is handled the same as cauliflower and has a head similar to it. It has a longer growing period than cauliflower, and the foliage growth is heavy, not being necessary to tie the leaves over the head for blanching. Seed sown in July produces mature heads the following spring starting in January and continuing through April, depending upon which variety is used.

**LAGO JANUARY** — Matures in January. Pkt. 10c,  $\frac{1}{4}$  oz. 60c, 1 oz. \$2.00,  $\frac{1}{4}$  lb. \$6.50.

**Pole Lima Bean**

**\*KING OF THE GARDEN POLE LIMA** — 86 days. The most popular of all Lima beans, requiring poles or supports. The pods are very large, 5 to 6 inches long, broad, flat, filled with four or five very large white beans of finest quality. Improved form of large white lima. Pkt. 10c,  $\frac{1}{2}$  lb. 20c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.90.

## TENDER BEETS That Are Easy to Grow

Beets can be sown almost the year around in California. February and March are the two best months for sowing for the main spring crop, and August and September for sowing for the main fall and winter crop. For a successive or continuous crop seed can be sown from February to November. Drill in rows 18 inches apart, covering the seed about an inch deep and pressing the soil firmly over the seed. Beets are at their best when gathered while quite young, when the bulbs average 2 inches in diameter.

**CROSBY'S EGYPTIAN**—52 days. Lighter in color than *Detroit Dark Red*. Flattened globe shape. Unexcelled for early beets and greens. Famous for sweetness. Pkt. 10c, 1 oz. 25c,  $\frac{1}{4}$  lb. 65c,  $\frac{1}{2}$  lb. \$1.25, 1 lb. \$2.00.

**\*DETROIT DARK RED (Perfected Strain)**—55 days. A fine improved strain of the best all-purpose beet. The standard of excellence in table beets. Tops are uniform and longer than former strains, making a beautiful bunching beet for either home or market garden purposes. Roots, true globe shape, of deep, rich red, small tap root, and very little zoning. Pkt. 10c, 1 oz. 25c,  $\frac{1}{4}$  lb. 65c,  $\frac{1}{2}$  lb. \$1.25, 1 lb. \$2.00.

**\*EARLY WONDER** — 50-55 days. Valuable to truckers, shippers and home gardeners as a first early variety, very fine for fall planting. Tops are small and erect, having a small collar or crown. Roots are flattened globe in shape with very small tap root, dark purplish red in color with flesh of like color and zoned a lighter shade. Pkt. 10c, 1 oz. 25c,  $\frac{1}{4}$  lb. 65c,  $\frac{1}{2}$  lb. \$1.25, 1 lb. \$2.00.

### CULTURAL REQUIREMENTS FOR CAULIFLOWER

The same cultural methods that produce good cabbage will do likewise for Cauliflower. Being a heavy feeder, Cauliflower requires a little more fertile soil, and, too, the heads should be protected from the sunlight by gathering the tops of the leaves together loosely in order to produce the pure white curd-like head. Seed sown in June, July and August and transplanted to the field will mature heads in October, November and December.

**LAGO FEBRUARY**—Matures in February. Pkt. 10c,  $\frac{1}{4}$  oz. 60c, 1 oz. \$2.00,  $\frac{1}{4}$  lb. \$6.50.

**LAGO GIANT MARCH**—Matures in late March and early April. Giant sized heads, very solid and uniform. Pkt. 10c,  $\frac{1}{4}$  oz. 60c, 1 oz. \$2.00,  $\frac{1}{4}$  lb. \$6.50.

**LAGO ST. VALENTINE**—The latest to mature. A fine market garden and shipping variety. Pkt. 10c, 1 oz. 75c,  $\frac{1}{4}$  lb. \$2.50, 1 lb. \$8.00.

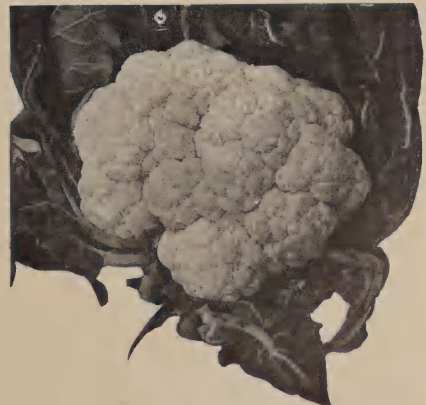
heads, weighing  $1\frac{1}{2}$  to 2 lbs. Pkt. 10c;  $\frac{1}{4}$  oz. \$1.25; 1 oz. \$4.00.

**DANISH GIANT (Medium Snowball)**—65 days. Similar to *Early Snowball* but later in maturity, coming in as the former variety finishes. Heads large, weighing 2 lbs. or more, white with tinge of cream. Plants dwarf, and short stemmed. Pkt. 10c,  $\frac{1}{4}$  oz. \$1.25, 1 oz. \$4.00.

**DANISH PERFECTION (Late Snowball)**—Of the same fine snowball type, giant sized heads, and the latest maturing variety. Pkt. 10c,  $\frac{1}{4}$  oz. \$1.25, 1 oz. \$4.00.

### Regular or Snowball Cauliflower

**EARLY SNOWBALL**—52 days. This is the earliest, and one of the best types for early market, shipping, or the home garden. Dwarf and compact in growth. Fine, solid, round, pure white



Cauliflower



Italian Green Sprouting (True Calabrese)



# Cabbage of All Popular Varieties

To raise Cabbage successfully is comparatively easy. Sow seed in open beds and when the plants are sufficiently large, which is usually six to eight weeks after seed is sown, transplant to the permanent fields in rows about 3 feet apart, setting the plants 2 feet apart in the rows. For fall and winter Cabbage sow seed in May, June and July. For spring Cabbage sow in August and September.

## First Early Varieties

**COPENHAGEN MARKET**—66 days. The plants produce uniformly round heads, which are white in the interior, and very solid. Plants grow very compact, permitting close planting in the garden. Pkt. 10c, 1 oz. 50c, ¼ lb. \$1.50, 1 lb. \$5.00.

**EARLY JERSEY WAKEFIELD**—62 days. The earliest pointed or conical head variety. The pointed heads are small and firm. Plants compact for small garden planting. Pkt. 10c, 1 oz. 30c, ¼ lb. 75c, 1 lb. \$2.50.

**\*GOLDEN ACRE**—62 days. This is the earliest round headed cabbage to develop. Similar to the variety Copenhagen Market listed above, but with smaller heads. Round, firm heads 6 to 7 inches in diameter, weighing from 3 to 4 lbs. Pkt. 10c, 1 oz. 50c, ¼ lb. \$1.50, 1 lb. \$5.00.

**\*LAGO EARLY YORK**—85 days. This is a fine large pointed head type of excellent tender quality. Its best use is for the home garden as it is too tender to ship well. We have faithfully kept up our strain of this old favorite in order to supply our friends who enthusiastically demand this find strain. Pkt. 10c, oz. 50c, ¼ lb. \$1.50, 1 lb. \$5.00.

## Intermediate Varieties

**EARLY WINNINGSTADT**—77-80 days. This is a very hardy short-stemmed, vigorous, and a dependable header. The heart-shaped heads are solid and fine and slightly smaller than those of Early York, being 8 to 10 inches long and 6 to 7 inches at base. The leaves form a distinct twist at point of head. Pkt. 10c, 1 oz. 30c, ¼ lb. 75c, 1 lb. \$2.50.

**\*LAGO EARLY FLAT DUTCH**—95 days. For over 20 years we have continued to constantly select and improve this strain and we highly recommend it, particularly so, for planting in the Sacramento Valley. It is uniform in heading, producing a popular sized, solid, heavy, medium flat head, weighing 6 to 7 lbs. Sow seed in May and June to mature in October, November and December. Sow seed first 2 weeks in July to mature in January and February. Sow seed first week in October and it will mature in May and June of the following spring. Pkt. 10c, oz. 50c, ¼ lb. \$1.50, 1 lb. \$6.00.

**\*LAGO BALL HEAD** also called Portuguese—75 days. One of the finest medium early strains. A good shipper and market garden variety. Matures between Lago Early York and Lago Early Flat Dutch, consequently usually finds a ready market. Heads solid, semi-globe shape, medium size and excellent quality. Pkt. 10c, oz. 50c, ¼ lb. \$1.50, 1 lb. \$6.00.

**\*SAVOY GREEN GLOBE**—90 days. Also known as "Curly Cabbage." Much prized by home gardeners and for market use. Leaves are a rich bright green, very crinkled or blistered-like. Heads are flattened globe-shaped, medium size and firm. The interior leaves crumpled, light yellow, sweet, crisp and tender. Pkt. 10c, oz. 50c, ¼ lb. \$1.50.

## Late Varieties

**CANNON BALL or DANISH BALLHEAD**—110 days. (Short-stemmed) One of the finest late Cabbage for home garden, shipping or for kraut. Plants are medium sized, short stemmed, with large flat globe-shaped heads, 8 to 9 inches across and 6 to 7 inches deep, very hard and solid. They keep excellently in storage. Pkt. 10c, 1 oz. 50c, ¼ lb. \$1.50, 1 lb. \$5.00.

**\*LAGO LATE FLAT DUTCH**—115 days. A specially selected strain we have constantly improved over a number of years. The heads are larger than the earlier strain, very hardy and heavy. Seed should be planted the first part of July, then heads will be harvested in February and March of following season. Pkt. 10c, oz. 50c, ¼ lb. \$1.50, 1 lb. \$6.00.

**MAMMOTH ROCK RED**—90 days. The largest and surest heading red cabbage. Heads round, very solid, and of very attractive deep red color. This variety is much used for cole slaw and pickling. Pkt. 10c, 1 oz. 50c, ¼ lb. \$1.50, 1 lb. \$5.00.

## Chinese Cabbage

Excellent for Salads and Cole Slaw This is not a true cabbage. The creamy white heads are decidedly tender, fine in flavor and equal in quality to Swiss Chard. Sow seed in late August or September and thin plants to 10 to 15 inches in the rows which should be 2 feet apart.

**CHINESE CHICKEN CABBAGE**—This strain we offer for those who wish to grow cabbage primarily for greens. While not of the perfect heading quality of the following, for this purpose it is very satisfactory. Pkt. 10c, 1 oz. 30c, ¼ lb. 75c, 1 lb. \$2.50.

**PE TSAI**—This is a popular early pure heading type with heads 15 to 18 inches tall. The outer leaves are dark green which enclose a cylindrical tapering head resembling Cos Lettuce, very compact, white tinted green, crisp and sweet. Pkt. 10c, 1 oz. 30c, ¼ lb. 75c, 1 lb. \$2.50.

**\*WONG BOK**—75 days. This variety produces a short, thick, compact head, 9 to 11 inches tall, closely packed with delicious blanch leaves, and having outer leaves curving inward, being entirely self-folding. Heads weigh from 5 to 8 pounds and are good all the way through. Pkt. 10c, 1 oz. 30c, ¼ lb. 75c, 1 lb. \$2.50.

## Cardoon or Cardoni

The full grown plant resembles a mature artichoke plant. The stalks may be boiled until tender then fried in an egg batter. Plants should be 2 feet in the row and rows 4 feet apart. Sow seed in March or April, transplanting when sufficiently large. Plants are blanched when mature by wrapping burlap bags around them.

**LARGE SPANISH SPINELESS**—Tall fleshy leaf stalks or midribs. Plants about 3 feet tall, grayish green. Pkt. 10c, 1 oz. 50c, ¼ lb. \$2.00, 1 lb. \$6.00.

# CARROTS—From January to December

## Table or Garden Varieties of Carrots

Carrots require only average simple care and have no serious insect or disease pests. Sandy loam is the best soil type; however, almost any soil that is thoroughly and deeply worked will produce a good crop. Plant seed in rows 16 to 18 inches apart and cover one-half to one inch, pressing the soil down firmly. When the plants are about 2 inches tall, thin them so that they will not crowd each other. February is a good month to sow for the spring crop, and August for the fall crop. However, an almost continuous crop may be harvested by sowing seed at 4 to 6 weeks intervals throughout the year.

**\*DANVERS HALF LONG**—75 days. A fine market and home garden variety. Roots longer than Red Core Chantenay listed below, tapering to a blunt point. Color rich dark orange. Length, 8 inches, diameter 2-2½ inches near the crown. Pkt. 10c, 1 oz. 25c, ¼ lb. 85c, 1 lb. \$3.00.

**RED CORED CHANTENAY**—70 days. An outstanding favorite. Tapering root with a blunt end. Rich, orange-red clear to center. Very sweet and tender. Pkt. 10c, 1 oz. 25c, ¼ lb. 90c, 1 lb. \$3.50.

**IMPERATOR**—77 days. Cylindrical, well-stumped roots, about 8 inches long at maturity. A deep orange color. Medium length tops, which are very strong, making it one of the finest bunching carrots. Pkt. 10c, 1 oz. 35c, ¼ lb. \$1.25, 1 lb. \$4.00.

**\*NANTES IMPROVED CORELESS**—68 days. A true coreless carrot. The best home garden variety, being extremely tender, and of unusually fine flavor. Perfectly cylindrical in shape, and strongly stump ended. Deep orange color throughout. Unsurpassed for its fine sweet flavor. Pkt. 10c, 1 oz. 35c, ¼ lb. \$1.50, 1 lb. \$5.00.

**OXHEART or GUERANDE**—75 days. Broad stocky carrot, of distinct heart shape, 4½ to 5 inches long. Good table carrot when young. Tops very small. Especially adapted to hard soils where it is difficult to grow the long rooted sorts. Pkt. 10c, 1 oz. 25c, ¼ lb. 90c, 1 lb. \$3.50.



Carrots, Imperator

## CARROTS—(Cont'd)

### Stock Feed Varieties of Carrots

**\*LONG ORANGE IMPROVED**—85 days. An old favorite used mainly for stock feed. Very long rooted, slender and pointed. Orange exterior; lighter orange core. Pkt. 10c, 1 oz. 25c, ¼ lb. 75c, 1 lb. \$2.50.

**LONG WHITE BELGIUM**—97 days. A large white fleshed and white skinned carrot, used extensively for stock feed purposes. Grows partly out of ground, with greenish shoulder. Pkt. 10c, 1 oz. 25c, ¼ lb. 75c, 1 lb. \$2.50.

**LONG YELLOW BELGIAN**—95 days. Similar to the above variety, but with yellowish skin. Pkt. 10c, 1 oz. 25c, ¼ lb. 75c, 1 lb. \$2.50.

### Celeriac . Celery-Root, or Turnip-Rooted Celery

In this kind of Celery the roots and not the leaf-stalks are the edible portion. Culture same as Celery. When the roots are 2 inches in diameter, they are ready for use.

**GIANT SMOOTH PRAGUE**—110 days. An improved variety producing large roots of nearly globular shape, and comparatively smooth surfaced. In this kind of Celery the roots and not the leaf-stalks are the edible portion. For celery flavor in soups, stews and salads. Pkt. 10c, 1 oz. 35c, ¼ lb. \$1.50, 1 lb. \$5.00.

### Chervil

**FINE CURLED**—90 days. Similar to parsley, but of a more delicate texture. Leaves bright rich green. Used like parsley for flavoring and garnishing. Pkt. 10c, 1 oz. 50c, ¼ lb. \$1.50.

### Chives

A small perennial plant growing about 10 inches high and cultivated for its fine onion-like leaves which are used for seasoning and flavoring. It can be cut frequently, a new growth appearing soon after each cutting. Pkt. 10c, ¼ oz. 25c.

## CELERY—Crisp, Tender and Healthful

Celery seed takes 2 to 3 weeks to germinate. It will germinate well at comparatively low temperatures but needs constant and abundant moisture. Plants require abundant moisture, but will not stand flooding. The soil should be rich, fine and loose. Sow seeds in beds covering only ¼ inch deep and prick out to 3 inches each way when seedlings have 3 or 4 leaves. When 2½ to 3 months old transplant to field trenches that are 5 to 6 inches deep and 2 feet apart, spacing the plants 8 to 12 inches. Blanching is done by hilling up with soil, tying up with burlap or special blanching paper or with boards. For fall and winter crop plant from February to April.

**\*UTAH or GOLDEN CRISP**—An outstanding variety gaining wide popularity. Of particular merit for its broad, dark green stems, which are extremely thick, fleshy and of unexcelled crispness and eating quality. Utah Celery has stems of thicker flesh than any other variety. Possesses rich nutty flavor. Pkt. 10c, ½ oz. 45c, 1 oz. 80c, ¼ lb. \$2.75, 1 lb. 10.00.

**\*GOLDEN SELF BLANCHING (New Improved Tall)**—90 days. Practically immune from "Black-heart" because the heart is very compact and the tall erect stalks are close fitting. The stalks are thick, 9 to 11 inches long below the first leaf-knot, straight, quite broad, ivory white, crisp, and of a fine nut-like flavor. The foliage is yellowish green turning to golden yellow with a slight earthing up. Pkt. 10c, ½ oz. 75c, 1 oz. \$1.25, ¼ lb. \$5.00, 1 lb. \$15.00.

**GOLDEN PLUME or WONDERFUL**—110 days. The original celery strain sold for many, many years. The joint is from 9-10 inches long. Unusually thick set, compact, and attains exceptional weight. Pkt. 10c, ½ oz. 50c, 1 oz. 90c, ¼ lb. \$2.75, 1 lb. \$10.00.



Celery, Utah



Carrots, Chantenay, Red Core

### Collards

**GEORGIA or CREOLE**—75 days. 2-3 feet tall. Large, light green leaves in an open cluster. Often grown in place of cabbage and used as greens. Light frost improves crop. Pkt. 10c, 1 oz. 15c, ¼ lb. 50c, 1 lb. \$1.50.

### Cress

Sow seed in spring as soon as ground can be worked, in rich well prepared soil, in shallow drills 12 to 16 inches apart, covering with about ½ inch of fine soil firmly pressed down. Does best during the cool months.

**FINE CURLED or PEPPER GRASS**—45 days. Filled, curled leaves, possessing a warm pungent flavor. Used for garnishing or as an appetizing addition to lettuce. Pkt. 10c, 1 oz. 15c, ¼ lb. 30c.

**TRUE WATER**—180 days. A distinct variety of cress with small oval leaves. Does best when its roots and stems are submerged in water, although a fair growth may be obtained in soil which is kept wet. Leaves of piquant flavor used for salads and garnishing. Pkt. 10c, 1 oz. 40c, ¼ lb. 1.20.

### Corn Salad

(Fetticus or Lamb's Lettuce)

**LARGE SEED**—45 days. Vigorous grower, producing large healthy plants with round light green leaves. Use fresh or cook like lettuce or spinach. Pkt. 10c, 1 oz. 50c.

### Dandelion

A healthy, nutritious and pleasant leafy green food that can be used early in the spring either for salad or boiled like Spinach. Sow in early spring in very warm rich soil in drills 18 inches apart and thin to 5 inches.

**CULTIVATED or FRENCH COMMON**—95 days. A decided improvement on the wild dandelion. Compact and low growing. Leaves long and broad. Fine salad plant. Pkt. 10c, 1 oz. 50c.

**\*IMPROVED THICK LEAVED or CABBAGING**—95 days. Unsurpassed in thickness of leaf and deep green color. It is compact and forms an upright tuft at the center which blanches almost naturally. Pkt. 10c, 1 oz. 50c.



## The Most Delicious SWEET CORN . . . Is From Garden to Table



*Golden Cross Bantam*

### Eggplant

This plant requires a warm even temperature. The seed is slow germinating, requiring 4 to 6 weeks to produce plants for field planting, so seed should be sown in a hot bed during December or January. Sow later for later crops. Transplant to open field when 2 inches tall if weather and soil conditions permit, setting plants 18 inches apart in rows 30 inches apart.

**EARLY LONG PURPLE**—80 days. An early variety with club-shaped dark purple fruits 6 to 8 inches long, yielding 4 to 6 large fruits per plant. Flesh firm and meaty. Plants spineless. Pkt. 10c, ½ oz. 25c, 1 oz. 50c, ¼ lb. \$1.25, 1 lb. \$4.00.



*Eggplant, New York Improved*

**\*NEW YORK IMPROVED**—A very excellent standard variety growing strong bushes which are larger than the Black Beauty and better in that respect for keeping the "egg" off the ground. The large purplish black fruits are heavy at the blossom end, narrow toward the stem end, and are smooth and of fine quality. Pkt. 10c, ½ oz. 25c, oz. 50c, ¼ lb. \$2.00, 1 lb. \$6.00.

Plant from February 15 to August 1. However, if the soil is cold and wet it is best to wait until the soil is warm. Plant in hills 3 feet apart and the rows 4 feet apart, dropping 5 to 7 seeds to each hill and thin out to two of the healthiest plants when about 5 inches high. Remove all side shoots or "suckers" from the plant, leaving only the two top ones as these will produce the largest and best ears. Corn is at its best when picked and served immediately.

### Yellow Varieties

**GOLDEN SUNSHINE**—80 days. This variety matures, on the average, about a week earlier than Golden Bantam, thus furnishing a golden yellow eared corn 6 to 7 inches long and 10 to 12 rowed, to compete with the early white varieties. Taller, more vigorous plants and larger ears than Golden Bantam. Good quality. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50.

**GOLDEN BANTAM**—83 days. The earliest really sweet variety. Of fine flavor, sweet, and very tender. Ears are 6 to 7 inches long and have 8 rows of very broad golden kernels. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50.

**\*WHIPPLE'S EARLY YELLOW**—85 days. Another early maturing variety for home or market garden. Quality is good. Ears 7-8 inches long and 12-14 rowed. About double the size of Golden Bantam, and, therefore, used more than this variety by market gardeners. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50.

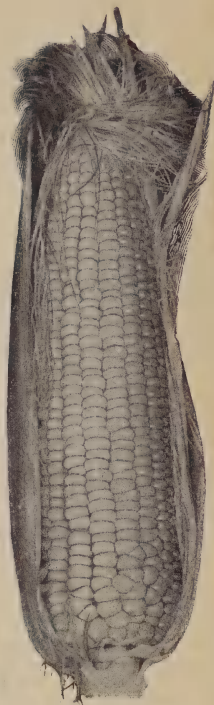
**GOLDEN CROSS BANTAM**—88 days. A golden bantam cross developed by the Purdue Agric. Experiment Station. The best hybrid sweet corn available. Uniform variety, producing ears 8 inches long, which are closely set with 14 rows of light yellow grains. Quality excellent. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50.

**\*GOLDEN BANTAM EVERGREEN**—95 days. Very large thick ears, 7-8 inches long, with 14-18 rows of tender kernels. One of the leading and best late varieties of yellow corn. Remains in condition a long time. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50.

**GOLDEN COUNTRY GENTLEMAN**—95 days. A late yellow variety similar to the well known white variety Country Gentleman, other than color. Plant is 7-8 feet tall; ears are 7-7½ inches. Kernels arranged same as Country Gentleman, and of the same good quality. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50.

### White Varieties

**ALAMEDA SWEET**—90 days. A medium early variety developed by market gardeners in Alameda County. Ears 8 to 9 inches long, with 10-14 rows, protected by strong husks about the top. This character limits injury by corn ear worm. Very tender and deliciously sweet. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50.



*Corn, Oregon Evergreen*

**\*OREGON EVERGREEN**—95 days. Earlier than the variety Stowell's Evergreen. Ears rarely less than 8 inches long covered with a tight thick husk protecting ear from corn ear worm. Kernels white and very sweet. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50.

**COUNTRY GENTLEMAN**—110 days. An old favorite, often called "Shoe Peg" corn because of the long narrow kernels, without row formation. Ears 7½-9 inches long, 2 inches thick. Very late, and fine for home or market garden. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50.

### Miscellaneous Varieties

**BLACK MEXICAN**—88 days. One of the richest flavored and most tender varieties. Although when ripe the seed is dark bluish or black, when ready for table use it is white. The ears are about 9 inches long, usually 8 rowed. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.50.

**POP CORN, WHITE RICE**—110 days. Dry ears 6 inches long. Kernels translucent, waxy white. Popped kernels large and snow white. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 2 lbs. 50c.

## Chicory

### AN OLD WORLD FAVORITE!

Chicory is a very popular vegetable in Europe. The leaves are used as fresh or cooked greens, while in other varieties the roots are also used. Seed can be sown from February to October, sowing in August for the main winter crop. As this crop is a heavy feeder, free use of fertilizer insures a good crop.



*Chicory, Castelfranco*

**\*CASTELFRANCO or GIANT ROSE VARIEGATED**—The leaves are very broad and undulated, forming a loose head tinted in red, rose and yellow, some leaves being splashed or mottled, making them very attractive in appearance. The leaves are thick, fleshy, crisp, tender, and of exquisite flavor, being milder than other varieties. **Pkt. 25c.**

**\*LARGE-ROOTED MADGEBURG or COFFEE**—65 days. The dried and prepared roots are much used as a coffee substitute. The young leaves are widely used in salads or along with the young roots are delicious when boiled. **Pkt. 10c, 1 oz. 25c, ¼ lb. 75c, 1 lb. \$5.00.**

**\*SMALL-ROOTED or RADICHETTA**—65 days. This variety is widely used for summer greens. The long slender strap-shaped leaves will blanch rapidly when the plants are set close together. **Pkt. 10c, 1 oz. 50c, ¼ lb. \$1.50, 1 lb. \$5.00.**

**\*TREVIGIANA or ROSE COLORED**—This is one of the most popular varieties for salad use because the slightly rose tinted leaves are large and fleshy, somewhat like Batavian Endive, and of a mild, tender, crisp and exquisite flavor. **Pkt. 25c.**



*Large-Rooted Madgeburg or Coffee*

## Endive Adds Variety and Zest to Salads

For early planting sow seed about April 15th. For general plantings sow in June and July in drills 14 to 16 inches apart, later thinning to 12 inches apart in the row. When nearly full grown the plants should be bleached by tying the leaves together in order to exclude the light and air from the inner leaves. Tying should be done when heads are quite dry as they are apt to rot. Heads will be ready to use in 2 to 3 weeks after tying, serving as one of the most wholesome and delicious salad vegetables for fall and winter use.

**\*LARGE GREEN CURLED, Pink Ribbed**—95 days. Hardy variety forming a rosette measuring from 16 to 18 inches across, with very curly bright deep green leaves and rosy colored midribs. Center leaves blanch readily. **Pkt. 10c, oz. 15c, ¼ lb. 45c, lb. \$1.25.**

**BROAD LEAVED BATAVIAN (Escarolle)**—90 days. Has broad fleshy leaves toothed at the edge, and slightly twisted, which form a large heart. **Pkt. 10c, oz. 15c, ¼ lb. 45c, lb. \$1.25.**

## Fennel or Finocchio

The edible portion is the enlarged leaf-stalk which is blanched and used as salad, either alone or with other salad plants. When boiled it has a sweet, spicy, and very distinct aromatic flavor. The cultural methods best for this plant approximate that for Celery.

**FLORENCE (Sweet Anise)**—85 days. A hardy branching plant with feathery foliage and bulb-like base. Sweet-flavored bulb eaten cooked or raw. The stalks are eaten like celery. **Pkt. 10c, 1 oz. 20c, ¼ lb. 50c, 1 lb. \$1.50.**

**LARGE SICILIAN**—Large and white; of vigorous growth. **Pkt. 10c, 1 oz. 20c, ¼ lb. 50c, 1 lb. \$1.50.**

## Garlic

Garlic is propagated largely by the cloves (smaller segments of the bulbs) as planting from seed is not practical. Plant cloves in November and December in rows 12 inches apart, dropping cloves 3 to 4 inches apart, covering them 2 inches. The culture is the same as for Onions and are ready for harvest when tops are dry. **Bulbs 50c per lb., postpaid.**

## Kohl-Rabi

Sow seed in rows 18 inches apart, and when plants are well established thin to 8 inches apart in the row. Sow in February and March for main spring crops and in August and September for fall and winter crops. Requires light rich soil.

**EARLY WHITE VIENNA**—60 days. Very early with few and small leaves seldom over 8 inches long. Bulbs of medium size, light green on outside; flesh white. Tender and very delicious. Most popular table variety. **Pkt. 10c, 1 oz. 35c, ¼ lb. 90c, 1 lb. \$5.00.**



*Endive, Green Curled*

## Lagomarsino Seeds Are, FIRST, CAREFULLY BRED . . . Then Grown

In this catalog hundreds of different varieties of seed, each the best in their respective classes, are offered you. Few of our customers realize the tremendous work entailed over a long period of years, which must go into the production of these seeds.

This production of seeds, including as it does, sowing, careful culture, growing supervision, harvesting, all the various cleaning and milling operations, and detailed germination and purity tests by our State Department of Agriculture, forms but a part of the picture, or only one phase of seed production work.

The most laborious and painstaking of all work, starts at our breeding and trial grounds to develop true and genuine "stock seed," or pedigreed seed which is used as parent or increase seed for all the many different varieties and kinds of seed commercially raised.

All modern methods of plant breeding are utilized at our breeding grounds, such as individual plant selection, selling or the developing of pure lines, hybridization, the selection of disease-resistant types, etc., to improve and constantly maintain only the highest quality strains. Trained members of our staff are directly in charge of this work,

and are continually in touch with the latest developments taking place, much as a clinic of physicians continually advance and apply new medical findings.

Thus, one realizes that ordinary strains of seeds can just be grown, but quality strains of seeds must first be carefully bred and tested, and then grown. We base the entire foundation and progress of our business on this one basic keystone, or foundation stone—bred and tested pedigreed parent strains for the production of every seed crop grown and offered to our trade.





Cucumber, Lugo Nu-Green

## CUCUMBERS . . . for Cool Summer Salads and for Pickling

Sow seed after danger of frost is over, usually around February or March, on light rich warm soils. For later crops plantings can be made up to the middle of August. Plant 8-10 seed in hills 3-5 feet apart, covering  $\frac{1}{2}$  inch. When plants are 6 inches high, thin to the three healthiest plants. Cultivate well until runners interfere. Sufficiently ripe fruit can be picked in about 60 days. Pickling types can be picked sooner. Keep fruits picked close as the vines cease to set fruit as soon as any seed begins to mature.

**\*BOSTON PICKLING**—60 days. This is a productive variety that is extensively grown for pickles. The fruits are bright green, 6 to 7 inches long,  $2\frac{1}{2}$  inches thick, very smooth and symmetrical, only slightly tapered. The flesh is very crisp and tender. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

**CHINESE LONG**—80 days. The fruits are rich dark green, often 20 inches long, averaging 2 to 3 inches in diameter in the center and tapering gently toward the ends. Flesh is thick, crisp, and of fine flavor. This variety should be grown on a trellis for, when grown in this way nice straight fruits are produced. Not more than two vines should be left to each hill, and preferably one plant well fertilized, which will give the best results. Pkt. 15c, oz. 25c,  $\frac{1}{4}$  lb. 75c.

**\*EARLY FORTUNE**—66 days. Fruits average 9 inches long, uniform diameter of 2 to  $2\frac{1}{2}$  inches, dark green color and white spines. The flesh is thick, crisp and tender with a very small seed cavity. A desirable slicing variety extensively grown for shipping. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

**JAPANESE CLIMBING**—70 days. Where space is a factor this variety will be found most desirable as it does best grown on trellis, fences, etc., climbing by tendrils like a grapevine. Fruits dark green, about 8 inches long, thick, crisp, tender and equal to others in quality. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

**KLONDIKE**—64 days. This is an early variety and very desirable for shipping. Fruits are 7 to 8 inches long, of uniform size and shape. The color is very dark green, slightly striped at the ends. This rich dark green color is retained much longer and is affected less by the hot sun than any other variety. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

**\*LAGO NU-GREEN**—72 days. A recent introduction, exceptionally fine long, straight, slender, dark green fruits 12 to 14 inches long and  $2\frac{1}{4}$  to  $2\frac{3}{4}$  inches thick, black spined, solid, small seed cavity

with few seeds and deliciously crisp. An ideal type for the home garden or as a "straight pack" variety for shipment to market. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50.

**LEMON CUCUMBER**—65 days. A very productive variety with round or slightly oval fruits of deep lemon yellow. The fruits are ready for slicing when just starting to turn yellow. Of distinct flavor and preferred by many to any of the other sorts. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c.

**LONG GREEN IMPROVED**—68 days. Extensively used for home and market garden, this vigorous variety produces fruits 10 to 12 inches long when mature of a beautiful dark green color. Widely used for pickling and often for the sweet pickles. This variety furnishes some fruits early but matures the bulk of its crop rather late. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

**STRAIGHT-8 (Gold Medal Winner)**—66 days. A very straight, symmetrical cucumber, of rich dark green color. 8 inches long,  $1\frac{1}{2}$  inches in diameter. Unsurpassed for slicing, and fast becoming the best selling variety. Pkt. 10c, 1 oz. 20c,  $\frac{1}{4}$  lb. 50c, 1 lb. \$1.50.



Gherkin

**WEST INDIA GHERKIN**—60 days. This is a distinct, very small, oval, prickly fruited sort used exclusively for pickling. The fruit is 2 inches long and 1 inch in diameter and borne in abundance. Seed very small and slow to germinate. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 45c.



Kale, Tall Green Curled Scotch

## Kale or Borecole for Winter Greens

Excellent greens for winter and spring use as the quality is improved by exposure to frost. Sow seed of the Tall and Dwarf Curled Scotch Kales in June and July, then they can be harvested from fall until spring at which time they are at their best. Seed of Jersey and Thousand Headed Kale may be sown from May to September but May plantings afford a much longer bearing season. These two varieties should be planted 3 or 4 feet distant each way as the plants grow to considerable proportions.

**JERSEY or TREE**—Plant grows 3 to 4 feet high and frequently 6 to 8 feet. Produces a great number of large green smooth leaves, often  $2\frac{1}{2}$  feet long, on a straight, stiff, strong, comparatively slender stem. Pkt. 10c, 1 oz. 25c,  $\frac{1}{4}$  lb. 85c, 1 lb. \$2.50.

**TALL GREEN CURLED SCOTCH**—The variety most commonly used. The plant grows 3 or 4 feet high, bearing long, plume-like light green leaves which are deeply cut, also finely curled at edges. Very hardy and of excellent quality. Pkt. 10c, 1 oz. 25c,  $\frac{1}{4}$  lb. 85c, 1 lb. \$2.50.

## Mustard

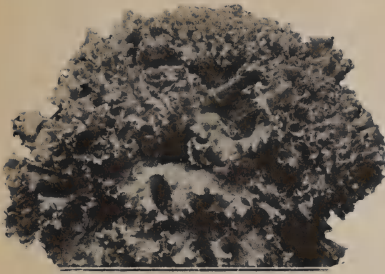
Mustard is grown principally for greens, the leaves resembling those of turnips but are larger, more tender, and not so coarse. Mustard does best when sown so that it matures during the cool of spring or early fall. Sow in rows 18 inches apart, and thin plants to 6 inches distance. Mustard goes to seed quickly, so successive sowings are necessary for continuous cropping.

**BAKTOI (Chinese White Rib)**—Green leaves with broad white rib, somewhat like a small chard plant. Delicious when cooked, the same as Spinach or Chard. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**FORDHOOK FANCY (Ostrich Plume)**—A handsome, vigorous growing, mild variety. Leaves bright green, intensely curled and fringed on the edges; fine for salads and garnishings; seed reddish-brown. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**\*SOUTHERN GIANT CURLED**—35 days. Plant vigorous and hardy, of upright, spreading growth; leaves 5 inches long by 3 inches wide, light green, tinged yellow, much crumpled and frilled at the edges. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

# Lettuce for Vitamins and Health!



*Lettuce, Early Prizehead*

Lettuce is one of the oldest vegetables and is of unknown origin. Its continual and widespread usage has been due largely to the constant breeding of better types for uniformity, disease resistance and high quality. The seed germinates quickly and can be planted as soon as cold days are past; January and February for the main spring crop and July and August for the main fall and winter crop of the heading types. The loose leaf type matures much quicker than the heading types and when planted at the same time will be through before the heading type comes in. Seed may be drilled in and thinned out to 10 inches apart in rows 15 to 18 inches apart or may be sown in a cold frame and transplanted out when in the four-leaf stage.

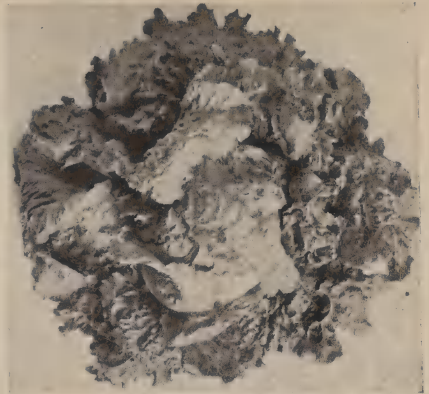
## Heading Varieties

**\*BIG BOSTON**—76 days. Glossy, plain edged leaves are slightly tinged brown on the margins. Large, firm, solid, well folded heads are formed, being butternut yellow at the heart. One of the best flavored varieties. Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. \$1.25.

**HANSON**—82 days. A desirable, large hard cabbage-like head, well adapted for home garden use. Outer leaves yellowish green, broad, somewhat crumpled and frilled at edge and with distinctive midrib. The inner leaves are white, very crisp and sweet. Pkt. 10c, oz. 20c, ¼ lb. 45c, lb.

## ICEBERG—82 days.

A hard heading, crisp, curly leaf variety, having outer leaves of yellowish green, lightly tinged on the edges with reddish brown. Used for late spring and early fall sowing as it does better than the New York during the warm weather. Pkt. 10c, oz. 20c, ¼ lb. 45c, lb. \$1.25.



*Lettuce, New York or Los Angeles*

**\*NEW YORK or LOS ANGELES**—75 days. The most widely used Lettuce, planted extensively for Eastern shipment. The plants are very large, forming tightly folded heads, the outer leaves attractive deep green, broad, frilled at edges, and the heart leaves tender, well blanched and very delicious. Does best only in the cooler seasons. Pkt. 10c, 1 oz. 20c, ¼ lb. 65c, 1 lb. \$2.00.

## Curled or Loose Leaved Varieties

**EARLY PRIZEHEAD**—35 days. An early home garden variety, with highly frilled and crumpled leaves, the outside leaves ringed red, the interior green. Very tender and sweet. Pkt. 10c, 1 oz. 20c, ¼ lb. 45c, 1 lb. \$1.25.

**EARLY CURLED SIMPSON**—35 days. Very early with large crumpled and frilled leaves of light green color. Plant thickly and use when young and tender. Pkt. 10c, 1 oz. 20c, ¼ lb. 45c, 1 lb. \$1.25.

## Chicken Lettuce

37 days. This plant grows much like Kale, reaching 4 or 5 feet in height with much leaf growth. It is used mainly for chicken and rabbit feeding as it does not head, and is seldom used for table purposes. Pkt. 10c, 1 oz. 20c, ¼ lb. 45c, 1 lb. \$1.25.

## Cos or Romaine Lettuce

Erect habit of growth, with dark colored spatulate leaves with prominent midribs. Thin to about 8 to 10 inches apart, so that each plant will have plenty of room.

**\*PARIS WHITE COS, SELF-FOLDING**—Outer leaves medium light green; interior whitish green. Loose heads 8 to 9 inches tall. Excellent as a summer salad lettuce. Pkt. 10c, 1 oz. 20c, ¼ lb. 45c, 1 lb. \$1.25.



## Mushroom Spawn

With reasonable care and attention to cultural requirements, mushrooms may be successfully produced. We offer only first-class, highly reliable spawn that will produce the cream variety of mushrooms. The bricks weigh 1 to 1¼ lbs. each, and will plant an area 8 to 10 square feet. Bricks 50c each postpaid.

**WRITE FOR FREE CIRCULAR ON MUSHROOM CULTURE**

## Leek

Belonging to the Onion family, this widely cultivated species is used as a favorite substitute for green onions in the fall and winter. Sow seed in March and April, covering ½ inch deep. Transplant seedlings when the size of a pencil to rows which are 2 feet apart, placing them 6 inches distance, and as they grow earth up like Celery if nice white, tender leek is wanted.

**LARGE AMERICAN FLAG IMPROVED**—150 days. Fine early productive variety. The stems are 2 inches in diameter and easily blanched as high as 10 inches from the root. Pkt. 10c, 1 oz. 75c, ¼ lb. \$2.50.



*Leek, American Flag*



## ENJOY THE RICH, SWEET FLAVOR OF VINE-RIPENED MUSKMELONS and CANTALOUPE!

Muskmelons are among the oldest cultivated vegetables, and in recent years have received specialized care and attention to bring about notable improvements in quality, flavor, and productivity. Plant seed when danger of frost is past in warm, rich soil, preferably sandy loam, in hills 4 to 6 feet apart, depending on vigor of the variety. Drop 8 to 10 seeds, covering 1 inch deep. Later thin to 4 plants and give frequent shallow cultivations, irrigating often enough to keep vines in the best of health and vigor at all times.



*Muskmelon, Hearts of Gold*

### Green Fleshed Varieties

**ROCKY FORD (10-25)**—92 days. Typically Rocky Ford in size, shape and netting. The green flesh of this improved strain has a slight golden tint next to the seed cavity. Fruits small, and oval in shape; 4½ to 5 inches in diameter. Abundant yielder. Pkt. 10c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

### Orange or Salmon Fleshed Varieties

**BANANA**—Fruit grows 2 to 2½ feet long, about 4 to 5 inches in diameter, with flesh of deep salmon color. Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. \$2.50.

**HALE'S BEST**—70-80 days. An early shipping melon being the earliest of the salmon flesh shipping varieties. Fruits are oval in shape, about 6 inches long by 4½ inches in diameter, with heavy netting and fairly distinct ribbing. Flesh exceptionally thick and deep salmon in color. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

**\*HALE'S BEST NO. 45**—80-85 days. Mildew resistant. An early variety developed for the shippers trade. No. 45 is a true Hale's Best recommended for planting where mildew is prevalent. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

**\*HEARTS OF GOLD**—100 days. A melon that is increasing in popularity. Fruits are round and symmetrical, 5 to 6 inches in diameter. Flesh, thick and sweet of deep salmon-orange color. Fine for home and market garden to make succession plantings. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

### Winter Varieties

**\*HONEY DEW**—115 days. The rind is dull white when ripe with the occurrence of a few slight checks or sparse netting at harvest time. The fruits are 6 to 7 inches through and 7 to 8 inches long with thick light green, fine grained flesh of excellent quality; fine for shipping, as they keep well. Pkt. 10c, oz. 20c, ¼ lb. 40c, 1 lb. \$1.25.

**\*PERSIAN MELON**—95-100 days. The giant fruits of this splendid variety weigh around 10 lbs., are globular in shape and heavily netted. The rind is dark green, and the flesh is very thick, sweet, juicy and of a rich bright orange color. They should be allowed to thoroughly ripen on the vines before picking. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.00.

## WATERMELONS

Watermelons will thrive well under the same good cultural methods and soil requirements as Muskmelon, except the vines are more spreading and require greater distance between plants.

**ANGELINO**—90-95 days. This is a medium large blocky dark green fruit with a beautifully contrasting bright red flesh which is of fine quality. This variety stands up well and is a fine home garden variety. Soak seed a few hours before planting. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

**CHILEAN (Black Seeded)**—85 days. A very early variety, with small almost round melons averaging about 18 lbs. in weight. Excellent quality flesh of bright deep red. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

**\*GOLDEN BEAUTY CASABA (Summer)**—120 days. This is a medium sized globe shaped melon, slightly pointed at the stem end with a wrinkled leathery bright yellow skin. The flesh is fine grained, pure white, juicy, very thick, and of excellent flavor. The fruits begin to ripen in July, continuing to bear all summer and fall until frost comes. Pkt. 10c, oz. 20c, ¼ lb. 40c, lb. \$1.25.

**SANTA CLAUD CASABA (Winter)**—100-105 days. The fruits are elongated, oval-shaped with wrinkled, leathery, greenish-yellow skin. The white flesh is juicy, fine grained, spicy and delicious. This variety ripens slowly and can be stored well, lasting through the winter. Pkt. 10c, oz. 20c, ¼ lb. 65c, 1 lb. \$2.00.

**ORIENTAL or JAPANESE**—95-100 days. This melon originated in Southern California and appears to be a cross between the Golden Beauty Casaba and Persian Melon. It has the same salmon tinted flesh as the latter but the texture is as fine as the Casaba, and very sweet. The rind is thin, yellowish green with darker blotches. When ripe the fruit averages 7 to 8 pounds. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.50.

**TOM WATSON**—95-100 days. An extra long melon of giant size, deep green skin, faintly webbed or veined with a deeper green color. Bright red flesh; brown seeds. Pkt. 10c, 1 oz. 15c, ¼ lb. 49c, 1 lb. \$1.25.

### \*KLONDIKE UNIVERSITY STRAIN—

80-85 days. This excellent new strain was developed at the University Farm at Davis, California. It is the most outstanding strain of this popular melon for by careful breeding and selection the desired qualities of uniformity in size, shape, color and quality have been stabilized. The fruits are medium sized, oblong, and solid dark green. The flesh is bright red, crisp, tender and excellent in eating quality. The seeds are small, few in number and uniformly dark colored throughout. Due to the uniformity in size, shape and strength of rind, this variety is one of the best for shipping, and is also unequalled for the home and market garden. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.50.

### \*KLONDIKE COOPER'S STRIPED—

90-95 days. This melon has recently won great favor, and is about the same as the regular Klondike but the skin is light green with mottled dark green stripes running from end to end. The flesh is similar also, but slightly lacks the superior quality found in the University strain. It takes well in some markets, and should not be confused with Georgia Rattlesnake which is a distinctly separate variety. A splendid home and market garden variety. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.50.

### Citron

**RED SEEDED**—95 days. Round shaped melon, green in color with irregular stripes. Flesh is white and firm. Used extensively for preserves and candied fruit. Not to be eaten uncooked. Pkt. 10c, 1 oz. 20c, ¼ lb. 35c, 1 lb. \$1.00.

**GREEN SEEDED**—95 days. Similar to the above, but with green seeds. Considered excellent stock feed. Can be allowed to lay in field and will not be damaged by frost or decay. Pkt. 10c, 1 oz. 20c, ¼ lb. 35c, 1 lb. \$1.00.



Watermelon, Coopers Striped Klondike



Watermelon, Klondike University Strain

## ONIONS — QUALITY STRAINS OF ALL VARIETIES

Onions are very hardy and will grow reasonably well in any soil, requiring no specialized culture. They do best, however, in good rich well drained loose soil. For early onions sow seed in beds from August 1st to October 1st, transplanting when the plants are the size of a lead pencil, 5 inches distant in rows 15 inches apart. The varieties designated Early will mature bulbs in June and July. The seed of the late varieties is drilled; no thinning or transplanting is done. Seeding is done from December to March. These late varieties will mature from August on.

### Early Non-Bolting Varieties of Onions

The following varieties are recommended for planting for early onions. For best results sow seed in beds from August 15th to September 15th. Transplant the plants when about the size of a pencil (November-December). They will mature in May, June and July, depending on the variety. None of these varieties should be used as "keepers" or storage onions.

**\*STOCKTON YELLOW GLOBE, Yellow**—90 days. Extensively used early onion. Very large, half globe, of attractive light lemon yellow color. Flesh pure white and very mild. **Pkt. 15c.**

**\*CALIFORNIA EARLY RED (U. C. No. 1)**—75 days. A new strain of very uniform size, color and shape. Large, half globe bulbs, with thick skin of an even deep red color. Flesh white, very sweet and juicy. **Pkt. 15c.**

**\*ITALIAN RED or TORPEDO, Red**—125 days. One of our introductions of many years ago and still as popular as when first introduced. Very elongated in shape with pure white flesh. Extremely heavy producer, and with the sweetest flavor of any early variety. **Pkt. 15c.**

### The Standard or Storage Varieties of Onions

Seed of these varieties should not be sown until late January or February. If sown earlier they are likely to shoot up to seed (bolt) rather than form bulbs. All are good storage or keeping onions, maturing in September and October.

#### YELLOW VARIETIES

**\*AUSTRALIAN BROWN (U. C. No. 1)**—112 days. An improved strain developed by the California Experiment Station. Flattened globe shaped bulbs of deep chestnut brown. The thick outer scales adhere closely, making this the best keeping variety of all onions. The inner flesh is a lovely creamy yellow without a trace of pink coloring found so commonly in the old strain. Mild flavor. **Pkt. 10c, 1 oz. 75c, ¼ lb. \$2.75.**

**\*SOUTHPORT YELLOW GLOBE**—110 days. A standard variety for storage and shipping. Deep, somewhat elongated globe shape, of orange-yellow color. Flesh fine grained and fairly strong. We highly recommend this for general home garden planting. **Pkt. 10c, 1 oz. 75c, ¼ lb. \$2.75, 1 lb. \$10.00.**

**YELLOW GLOBE DANVERS**—106 days. Fine both for home gardens and market. Globe shaped, with pure yellow skin, and white interior flesh. Mild flavor, good keeper. **Pkt. 10c, 1 oz. 75c, ¼ lb. \$2.75, 1 lb. \$10.00.**



Onion, Yellow Sweet Spanish

**\*YELLOW SWEET SPANISH (UTAH STRAIN)**—110 days. A greatly improved strain of this popular and highly recommended variety both for home garden and market. The bulbs are very large and of a beautiful deep bronzy yellow color, especially superior in their firmness, keeping quality, flesh color and mildness of flavor. Often weigh 2 lbs. Heavy yielder. **Pkt. 10c, 1 oz. 75c, ¼ lb. \$2.75, 1 lb. \$10.00.**

#### WHITE VARIETIES

**\*SOUTHPORT WHITE GLOBE**—112 days. The most popular winter keeping white onion. It has a fine globe shape, and a silvery-white color. Flavor excellent. This variety may also be used as a bunching onion. **Pkt. 10c, 1 oz. 75c, ¼ lb. \$2.75, 1 lb. \$10.00.**

**\*WHITE SWEET SPANISH**—112 days. Similar to Yellow Sweet Spanish, except white in color. Extra large, pure white flesh, and a good keeper. **Pkt. 10c, 1 oz. 75c, ¼ lb. \$2.75, 1 lb. \$10.00.**

#### VARIOUS VARIETIES

**BUNCHING ONION**—45 days. The best for early small green onions. Crisp, white and mild. Fine for spring appetizer. **Pkt. 10c, 1 oz. 75c, ¼ lb. \$2.75, 1 lb. \$10.00.**

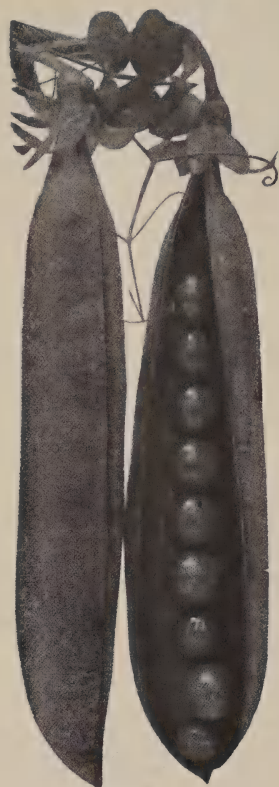
**ONION SETS**—Onion sets are miniature onion bulbs formed by sowing seed thick, at the rate of 50 to 75 pounds per acre. They are planted to obtain small green onions. They will provide green onions much quicker than seed sown at the same time.

**BROWN ONION SETS**—1 lb. 25c; 5 lbs. \$1.00.

For tender vegetables,  
fertilize with **BEARMOR.**



## Garden Grown Peas Are Always Sweet and Tender



Peas, Giant Stride

The best time to plant peas in our locality is from October 1 to March 1. Planted later than this they will produce only a small crop, as very hot weather will stunt their growth. Along coastal sections, however, where the weather is cool and moist, they can be planted practically the entire year. Do not plant peas when the ground is wet or soggy as they will easily rot. Once they are out of the ground they will stand a great deal of frost and cold weather. By planting some of several varieties at the same time, a well-arranged succession can be obtained, extending over a period of 30 days. All varieties more than 1½ ft. tall do better if staked up or supported. Space rows 3 ft. apart. Sow 1 inch deep. One pound will plant a row of 150 ft. For larger plantings sow 60 to 80 pounds of seed per acre, either in hills or drills.

### Early Dwarf Varieties

**AMERICAN WONDER**—59 days. A dwarf, extra early pea, with plump straight pods (2½ to 3 inches), light green in color, on vines 12 to 14 inches tall. Very productive. Important early pea for home gardens. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.25.

**LAXTON'S PROGRESS**—60 days. Largest of the dwarf peas. Vines 18 to 22 inches tall. Abundant dark green pods, 4 inches long, ¾ inch wide. Very uniform variety in all respects. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.25.

**HUNDREDFOLD**—62 days. One of the leading dwarf varieties for home, market garden, and shipping. Vines 18 to 20 inches tall. The large pods which are borne singly average 4 inches long and ¾ inch wide. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.25.

**LITTLE MARVEL**—62-64 days. A variety noted for its dwarf habit, good quality and high yield. Vines 18-20 inches tall. Pods are small, but dark green, and well filled

with very sweet peas. Unsurpassed in quality and productiveness for home gardens. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.25.

### Medium Tall Midseason Varieties

**GIANT STRIDE (Wilt Resistant)**—75 days. A variety noteworthy for its very large pods—5 to 5½ inches long, pointed, plump, and well filled with peas of high quality. Vines 2½ ft. tall. One of the foremost market garden and shipping varieties. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.25.

**IMPROVED STRATAGEM**—77 days. A favorite with home gardeners because of the long handsome pod. Pods 4 inches long, plump, straight, with a slight taper at the end. Vines 24-28 inches long. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.25.

### Edible Pod Peas

**MELTING SUGAR MAMMOTH POD**—75 days. Pole variety. Edible podded peas are used the same as snap beans. Pods 4½ inches long, stringless and very sweet. Pkt. 10c, ½ lb. 25c, 1 lb. 45c, 5 lbs. \$1.50.

### Tall Late Varieties

**TELEPHONE**—73 days. Very widely used late variety. Pods very large, well filled, dark green, about 4-5½ inches long. Vines about 4 feet in length. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.25.

**\*ALDERMAN**—76-80 days. The most popular of the late or main crop varieties. Giant large, straight, dark green pods, 4½-5½ inches long. Vines 4 to 5 feet long. Resistant to fusarium wilt. Pkt. 10c, ½ lb. 20c, 1 lb. 35c, 5 lbs. \$1.25.

### Peanuts

While it is not generally known, nevertheless, peanuts will do well in many parts of California. A lightly sandy soil is best. Plant about April in rows 2½ to 3 feet apart, dropping one nut every 8 or 10 inches in the row, covering 1 to 2 inches. It requires 50 pounds, in hull, to plant an acre. **Virginia, lb. 30c, 10 lbs. \$2.50.**

## HERBS

### For Flavor and Fragrance

**ANISE** (*Pimpinella anisum*)—14 inches. An annual herb, the seeds being used for flavoring bread, cake, and pastries. Pkt. 10c.

**BALM** (*Melissa officinalis*)—1½ ft. A hardy perennial, the leaves of which have a lemony minty fragrance, giving a unique flavor to fruit beverages. Pkt. 10c.

**BORAGE** (*Borago officinalis*)—12-18 in. Annual herb. Used in drinks, salads, and casserole dishes. Pkt. 10c.

**CARAWAY** (*Carum Carui*)—1-2 ft. Seeds used for food flavorings. Pkt. 10c.

**CHERVIL** (*Anthriscus cerefolium*)—10 in. Annual. Leaves used like parsley for flavoring and garnishing. Pkt. 10c.

**CHIVES**—Grass-like leaves used for an appetizing flavoring. Pkt. 10c.

**CORIANDER** (*Coriandrum sativum*)—2½ ft. Annual. Seeds used in candy and in medicinal preparations. Pkt. 10c.

**DILL, MAMMOTH** (*Anethum graveolens*)—2-3 ft. Annual. Seeds and leaves used for dill pickles. Pkt. 10c.

**FENNEL, SWEET** (*Foeniculum officinale*)—2-4 ft. Fresh, tender stems eaten raw in salads like celery; seeds used to flavor candy and medicines. Pkt. 10c.

**HOREHOUND** (*Marrubium vulgare*)—1-3 ft. Perennial. Leaves, and the juice of flowering tops flavor cough syrups and candies. Pkt. 10c.

**HYSSOP** (*Hyssopus officinalis*)—1½ ft. Perennial. Planted near bee hives to give a delicious flavor to honey. Pkt. 10c.

**LAVENDER** (*Lavandula spica*)—2 ft. Perennial. Dried flowers and stems used to scent linens. Pkt. 10c.

**MARJORAM, SWEET** (*Origanum marjorana*)—2 ft. Perennial. Young tender leaves used extensively in food preparation for flavoring. Pkt. 10c.

**PEPPERMINT**—The leaves and stems are used for flavorings and for oils. Pkt. 10c.

**ROSEMARY** (*Rosmarinus officinalis*)—2-4 ft. Perennial. Tender leaves of fragrant odor, and pungent taste; used widely in foods as seasoning. Pkt. 10c.

**SAFFRON** (*Carthamus tinctorius*)—1-3 ft. Annual. The yellow, thistle-like flowers picked while in full bloom are used for coloring and flavoring. Pkt. 10c.

**SAGE, BROAD LEAF** (*Salvia officinalis*)—14-16 inches. Perennial. A great favorite in meat and poultry dressings. Pkt. 10c.

**SAVORY, SUMMER** (*Satureia hortensis*)—8-10 inches. Annual. Leaves and tops popular in cooking preparations. Pkt. 10c.

**SWEET BASIL**—1 ft. Annual. Leaves used extensively in cooking preparations. Pkt. 10c.

**THYME** (*Thymus vulgaris*)—8-10 inches. Perennial. Sharp, aromatic flavor; good in combination with other herbs for culinary purposes. Pkt. 10c.

**WORMWOOD** (*Artemisia absinthium*)—3-5 ft. Perennial. Chiefly used in medicinal preparations. Pkt. 10c.

### HERB PLANTS

Plants of Sage, Sweet Marjoram, Rosemary, and Thyme, growing in 3-inch pots. Strong and vigorous plants for setting out into the garden. 50c each, postpaid.

## PEPPERS . . . Mild and Hot Varieties

For early peppers sow the seed in hot beds in December and January. Transplant as soon as weather and soil in your locality will permit, 18 inches apart in rows 30 inches apart. For later crop you may also sow seed in February and March. Pepper seed germinates slowly and needs a hot bed to germinate in winter months.

### Sweet Varieties

**\*CALIFORNIA WONDER**—72 days. A very vigorous pepper, with large blocky fruits, having thick flesh walls, which are crisp, mild, and juicy. Skin very smooth, and an attractive rich green color. The best variety for California, and outstanding for stuffing and serving whole. Pkt. 10c, 1 oz. 50c, ¼ lb. \$1.75, 1 lb. \$5.00.

**PIMIENTO**—72 days. An excellent, attractive and very productive variety. The fruits are medium sized, smooth and cone-shaped. The meat is thick and of a fine sweet flavor. This sort is largely used by canners, but is equally valuable for salads and for stuffing. Pkt. 10c, oz. 40c, ¼ lb. \$1.25, 1 lb. \$3.50.

### Hot Varieties

**ANAHEIM CHILI**—83 days. Late. This hot pepper is largely grown, and is used dried and for canning. Fruits are 6 to 8 inches long, and about 1 inch through. Tapered; mildly pungent flavor. Pkt. 10c, oz. 50c, ¼ lb. \$1.50, 1 lb. \$4.50.

**YELLOW WAX**—60 days. Waxy yellow fruits, 6 to 7 inches long, 2 inches in diameter; crumpled and hooked at point. Larger and thicker-fleshed than other hot varieties. Excellent for canning purposes. Pkt. 10c, 1 oz. 75c, ¼ lb. \$2.00, 1 lb. \$7.50.

**LONG RED CAYENNE**—70 days. Deep green when young, bright red when ripe. Strong pungent fruits, 4 inches long, 1 inch thick, twisted and pointed. Especially good for drying. Pkt. 10c, 1 oz. 50c, ¼ lb. \$1.50, 1 lb. \$5.00.

**FLORAL GEM**—70 days. 1½ inches in diameter, 1½ to 3 inches long, cone shaped. This pepper turns from green to a beautiful waxy yellow at which time it is marketed. When mature it is red. Pkt. 10c, oz. 75c, ¼ lb. \$2.00, 1 lb. \$7.50.

### Okra or Gumbo

The young seed pods are used in soup, stews, catsups, and other relishes, being very popular in the South. After danger from frost, and when the ground is warm, sow seed in rows 2½ feet apart, dropping seed 2 inches apart and covering 1 inch deep. Thin when plants are 3 to 4 inches high to 1½ ft. in the row, and keep thoroughly cultivated.

**PERKINS MAMMOTH**—68 days. Plants about 3 feet high, early and productive. Pods are deep green, very long, slender, slightly corrugated, tender and of good quality. Pkt. 10c, oz. 15c, ¼ lb. 35c, 1 lb. \$1.00.

**WHITE VELVET**—70 days. Plants about 3½ feet high, early and productive. Pods are white, long, smooth and tender until nearly full sized. Pkt. 10c, 1 oz. 15c, ¼ lb. 35c, 1 lb. \$1.00.



Pepper, Chili



Pepper, California Wonder

### Parsley for Flavoring and Garnishing

One ounce of seed will sow 100 feet of drill. Sow thinly in drills 1 foot apart and thin out the plants to 8 to 12 inches apart. The seed germinates slowly, sometimes 3 or 4 weeks passing before the plants appear. As soon as those of the curled variety are about 3 inches tall, cut off all the leaves; the new growth will be brighter and better curled. Every cutting will improve the quality of the leaves.



Parsley, Moss Curled

**\*CHAMPION MOSS CURLED**—90 days. Leaves tender, beautifully crimped, handsome bright green color. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

**HAMBURG or THICK ROOTED**—140 days. The edible part is the roots and not the foliage. Roots resemble a slender parsnip. Used for flavoring soups and stews. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

**PLAIN-LEAVED or SINGLE**—90 days. Leaves flat, dark green, and deeply cut. This variety is excellent for seasoning, but is not as good as the Champion Moss Curled variety for garnishing. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

### Pumpkins—Best Commercial Varieties

Pumpkins are frequently planted in connection with a crop of field corn, and if you grow corn you may just as well grow pumpkins. They will grow best in soil

kept moist by the dry farming method, as too much moisture will kill them. Plant the seed in open ground, after the danger of frost is over, in hills 8 feet apart each way. Drop from 8 to 10 seeds per hill and when the plants are about 5 inches high and danger of insect pests is past, thin to 3 or 4 of the healthiest plants. If irrigation is needed, run the water in ditches about 18 inches from the hill. About 3 pounds of seed will plant one acre.

**CONNECTICUT FIELD or LARGE YELLOW**—70 days. Fruits a rich deep orange-yellow, averaging about 20 pounds. A double purpose variety, being good for pies and excellent for stock feed as well. Pkt. 10c, 1 oz. 15c, ¼ lb. 35c, 1 lb. \$1.00.

**\*DICKINSON (Cannery Pumpkin)**—This variety is used almost exclusively by canners for canning. It is very productive and of fine quality. Flesh thick, yellow. An excellent variety to plant for stock. Pkt. 10c, 1 oz. 15c, ¼ lb. 35c, 1 lb. \$1.00.

**\*ESTAMPES**—120 days. A new variety recommended for pies, and canning, also stock feeding. The fruits are dark orange color with very thick flesh of excellent flavor and of enormous size, weighing up to 100 lbs. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

**LARGE SWEET CHEESE or KENTUCKY**—80 days. One of the old standard sorts. Fruits very large and flattened. Flesh thick, yellow, and of fine quality. Productive and an excellent keeper. Good for stock feeding as well as pies. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.00.



Pumpkin Estampes—The Leading Variety





Parsnip, Hollow Crown

## PUMPKINS—(Cont'd)

**GREEN STRIPED CUSHAW** — 75 days. Fruits very large, 18 to 20 inches long, with a crookneck. Weight from 10 to 15 lbs. Flesh light yellow, very thick, rather coarse, but sweet. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.00.

**MAMMOTH KING**—83 days. The largest pumpkin ever introduced. Flesh and skin bright golden yellow. One of the best pie pumpkins and a splendid keeper. This enormous variety has been grown to weigh 125 lbs. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.00.

**SMALL SUGAR or NEW ENGLAND PIE**—75 days. This excellent variety is small, round or somewhat flattened, about 8 to 10 inches in diameter, slightly ribbed, and of a deep orange color. Thick flesh of rich orange. Fine sweet flavor. Weight about 7 lbs. A superb kind for pies. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.00.



Swiss Chard



Spinach, Hollandia Prickly Winter—The Best Variety for Fall Planting

## SPINACH — Good for Young and Old

Prepare soil so as to be fine and loose. Make rows about 1½ ft. apart. Sow seed thinly, and cover with about an inch of soil. Press soil down firmly. When the plants are about 3 inches tall, thin them so that they are about 5 inches apart in the row. For very early use, sow in August and September. For spring crop, sow very early in spring. One ounce of seed sows a 50 ft. row. For one acre, 8-15 pounds are required.

**AMSTERDAM GIANT PRICKLY WINTER**—A popular variety in the prickly seeded varieties of Spinach, being used by both the canners and the market gardeners. Plant is vigorous, leaves large, thick and of finest quality. Pkt. 10c, 1 oz. 20c, ¼ lb. 40c, 1 lb. \$1.00.

**\*HOLLANDIA PRICKLY WINTER**—A new and improved strain of the prickly winter varieties of Spinach. It is very uniform, the plants producing large smooth leaves with very short stems. Leaves are dark green and thick. A fine market and canning variety. Well adapted for fall planting. Pkt. 10c, 1 oz. 20c, ¼ lb. 40c, 1 lb. \$1.00.

**\*MONSTROUS or VIROFLAY**—The leading variety of the round or smooth seeded class. Produces large smooth thick leaves of dark green color. Used extensively for spring planting by the canners. Pkt. 10c, 1 oz. 20c, ¼ lb. 40c, 1 lb. \$1.00.

## Parsnip

One ounce will sow 150 feet of row. Use a deep, rich, sandy soil, although any deep, mellow, moderately rich soil will produce good roots. Sow as early in spring as possible, in rows which are 1½ feet apart, covering firmly with ½ inch of fine soil. When plants are well up, thin to 5 inches apart in the row. Cultivate frequently. Parsnip seed is slow to germinate; sowings should be made early and soil pressed down firmly over seeds.

**\*HOLLOW CROWN**—Roots about 18 inches long, with smooth white skin, uniform in shape, tapering evenly from a

## New Zealand Spinach

55 days. Entirely distinct from true Spinach. Plant produces spreading branched stems from 2 to 3 feet long and bearing numerous thick, fleshy leaves. Plant several seeds in hills 2 feet apart each way. As seed coat is hard, better growth is secured by soaking seed for 24 hours in warm water. Good for summer use. Endures heat and adverse conditions. Pkt. 10c, 1 oz. 20c, ¼ lb. 40c, 1 lb. \$1.00.

## Swiss Chard or Spinach Beet—the All-Year Vegetable!

Swiss Chard is grown for greens, the large well developed outer leaves being picked from time to time. Seed should be sown from February to July in rows 18 inches apart and plants thinned 8 to 10 inches apart.

**\*FORDHOOK**—Smooth dark green leaves with large broad stalks and midribs. Excellent flavor. Strip leaves from midribs and cook separately. Pkt. 10c, 1 oz. 15c, ¼ lb. 45c, 1 lb. \$1.25.

**GIANT LUCULLUS**—Leaves are large, rich light green, and slightly crumpled and savoyed with a narrow or small white stalk and mid-rib. Tender and delicious. Pkt. 10c, 1 oz. 15c, ¼ lb. 45c, 1 lb. \$1.25.

heavy shoulder down to a small root. Flesh tender. Best and most popular variety in cultivation. Pkt. 10c, 1 oz. 25c, ¼ lb. 65c, 1 lb. \$2.00.

## Salsify or Oyster Plant

The roots when cooked are very palatable and nutritious. Salsify succeeds best in light, well enriched soil, which should be worked to a good depth. Sow seed early in the spring in rows 12 to 15 inches apart, thinning 4 inches in the row.

**MAMMOTH SANDWICH ISLAND**—140 days. Large, very uniform, smooth white roots. Very desirable winter vegetable. Pkt. 10c, 1 oz. 25c, ¼ lb. 65c, 1 lb. \$2.00.

## Potatoes Yield Big Returns at Little Cost!

Six hundred pounds will plant an acre. It is best to cut the potatoes with two or three eyes to a piece, planting these in rows or hills about 3 feet apart and about 8 to 12 inches apart in the row.

**AMERICAN WONDERS**—An old standard white variety.

**\*BLISS TRIUMPH**—This early variety matures ten days earlier than the Early Rose and is more productive. Tubers round, uniform in shape; skin light red, flesh fine grained.

**EARLY ROSE**—The well known and popular pink-skinned potato. Tubers are medium sized, smooth and white-meated; an elegant cooker; matures early.

**\*WHITE ROSE**—Long white potato; very productive, one of the best varieties for home and market garden.

Any of the above varieties: **5 lbs. 45c. 10 lbs. 85c. 25 lbs. \$1.75.** (Postpaid, 3rd Zone.) Write for our special price list on seed potatoes in larger quantities.



Potato, White Rose

## Enjoy Fresh, Crisp Radishes Every Day!

Radish seed may be sown as early as the ground can be worked. Sow seeds thinly, and cover with about ½ inch of soil. Radishes will be crisp and tender if they grow quickly and have plenty of moisture. Make plantings every two weeks throughout season for a succession. One ounce sows 100 feet of drill; 8-10 lbs. of seed required per acre.

**CHINESE ROSE** — Large, very smooth, bright rose color; large. Pkt. 10c, oz. 15c. ¼ lb. 40c, lb. \$1.25.

**FRENCH BREAKFAST** — 24 days. Well known, quick growing variety of oblong shape, blunt end. Rich scarlet with white base. Good quality. Pkt. 10c, 1 oz. 15c. ¼ lb. 35c, 1 lb. \$1.00.

**\*ICICLE** — Clear white roots up to 6 inches in length with a third of their length out of the ground, delicately tinted ivory on the top. Small tops. Most crisp and tender of all radishes. A universal favorite. Pkt. 10c, 1 oz. 15c, ¼ lb. 35c, 1 lb. \$1.00.

**JAPANESE LONG WHITE**—A winter variety frequently growing 2 feet long and about 3 inches in diameter. The white flesh is solid, tender and very pungent. Pkt. 10c, 1 oz. 20c, ¼ lb. 65c, 1 lb. \$2.00.

**LONG SCARLET**—30 days. The best of the long red radishes, bright carmine-red in color. About 6 inches long, with very mild crisp flesh. Easy to pull because upper part is out of ground. Pkt. 10c, 1 oz. 15c, ¼ lb. 35c, 1 lb. \$1.00.

**ROUND BLACK SPANISH**—Very similar to Long Black Spanish except in shape, which is round to top shaped. Skin black, flesh white and pungent. Pkt. 10c, 1 oz. 15c, ¼ lb. 35c, 1 lb. \$1.00.

**\*SCARLET GLOBE**—25 days. Most desirable early table radish grown to-day. Bright carmine-red; oval shape. Flesh remains crisp and mild until nearly an inch in diameter. Best for use while immature. Pkt. 10c, 1 oz. 15c, ¼ lb. 35c, 1 lb. \$1.00.

**EARLY SCARLET TURNIP**—25 days. Deep crimson, and of turnip shape. Roots quickly become an inch in diameter. Very satisfactory for an early plantings. Pkt. 10c, 1 oz. 15c, ¼ lb. 35c, 1 lb. \$1.00.



Radish, Scarlet Turnip White Tip



Radish, Scarlet Globe

## Roselle

An annual plant. The buds or calyx surrounding the seed pod are used (as soon as the flower drops) for making jelly and jam. It makes a very superior jelly, considered by many better than guava or currant jelly. Sow in spring after the danger of frost is over in rows 3 feet apart and 2 feet apart in the rows. The plant is ornamental and easily grown from seed. Pkt. 10c, oz. 50c.

## Rhubarb Roots

The plants we offer are one year old and will produce a good crop the first season.

**GIANT WINTER CRIMSON** — 25c each. \$2.50 per doz., postpaid to fourth zone.

**CHERRY**—25c each, \$2.50 doz., postpaid to fourth zone.

## Rutabagas or Swedes

This vegetable requires a longer growing season than turnip and needs more moisture. Sow seeds in June and July. Culture similar to turnips, except that the plants should be thinned further apart in the rows—about 8-10 inches. Excellent also for cattle feed during the winter months.

**IMPROVED AMERICAN PURPLE TOP** — 100 days. Roots grow to a large size, have small tops, short necks and smooth skin; flesh yellow, fine grained, sweet, tender and excellent flavor. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.00.

# NUTRIO

## THE NATURAL HUMUS AND PLANT FOOD

Nutrio is a scientifically prepared humus and plant food. Use Nutrio liberally at the rate of one bag to 200 square feet (10x20) in your flower beds, new lawns, etc., and your soil will become mellow and your plants will respond in a surprising manner.

Use Nutrio to supply humus and build up your soil as well as feed your plants. Easy to apply—does not burn. Complete directions with each bag.

Medium size bag, 50c; large garden size bag \$1.00; 5 bags \$4.50, f.o.b. Sacramento.



# SQUASHES FOR SUMMER AND WINTER

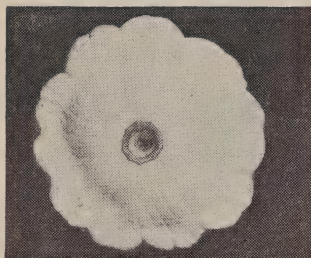
Any good enriched soil is adapted to the growing of Squash. The seed should not be sown in the spring until danger from frost is past and the ground is warm. Plant in hills (about 8 to 10 seeds to a hill) the early sorts 4 to 6 feet apart, the late varieties 8 to 12 feet. Thin out to three plants in the hill. Keep the earth about the plants loose and free from weeds. One ounce for 25 hills, 3 to 4 lbs. per acre.

## Summer Varieties

These varieties, unlike the winter squashes are suitable for use only when young. Fine in summer and early fall.

**\*EARLY WHITE BUSH SCALLOP** (Benning's Green Tinted)—50 days. A very early summer variety. Fruit flattened and scalloped, about 8 inches in diameter, with a creamy white greenish tinted skin. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

**GIANT SUMMER STRAIGHTNECK** — 55 days. A selection from the Crookneck squash but with a straight rather than a crooked neck, making it easily packed for



White Bush Scallop Squash



Black Zucchini

shipping. Fruits intensely warted, 18 to 20 inches long, deep orange in color with a thick meaty neck. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

**\*GOLDEN SUMMER CROOKNECK** — 60 days. The fruits are of the true crookneck type, heavily warted, and of light golden color. Pick when small for tenderness. A good early variety for home planting. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

**LAGENARIA LEUCANTHA LONGISSIMA** (Cucuzzi Caravassi) — An edible gourd grown mostly by Italians. Fruits often 36 inches long; 4 to 6 inches in diameter. Vines trailing in habit, and should be trellised to grow straight fruits. Pkt. 15c.

**\*ZUCCHINI** (Black Fruited Strain)—An improvement over the "gray-striped" strain. Fruits smooth, cylindrical, and of handsome deep dark green color, free from striping or mottling. Use when young, sliced and cooked with skin on. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

## Winter Varieties

Varieties in this class are good keepers, and used extensively for baking, pies, and canning purposes.

**\*BANANA**—105 days. Cylindrical fruits, 18 to 24 inches long, and 7 inches in diameter. Smooth gray-blue skin. Orange-yellow flesh is dry and sweet, being free of all fibre or stringiness. Fine for pies. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

**\*HUBBARD, GREEN WARTED**—100 days. Handsome, dark green, warted fruits round in shape, and weighing 12 to 14 lbs. Thick, bright yellow flesh of fine grained texture. Fine flavor. The most widely grown of any winter squash. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

**\*TABLE QUEEN or ACORN**—100 days. A small, acorn-shaped squash, smooth, very dark green, with deep ridges. The flesh is light yellow, dry, mealy, delicious. Convenient size for baking and serving in halves. Pkt. 10c, 1 oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

**TURBAN**—Mostly grown as a curiosity, although flesh is sweet, and a fine orange-yellow color. Fruits variegated, with a curious swelling at the blossom end striped with red. Pkt. 10c, 1 oz. 20c, ¼ lb. 50c.



Squash, Hubbard Green Warted

## Garden Fresh Turnips for Your Table



Turnip, Purple Top White Globe

For a winter and early spring crop, sow seed in August and September. For a late spring crop, sow in January. Scatter seed broadcast, or preferably sow in rows like lettuce, etc., 12-18 inches apart, covering with about ½ inch of soil. Thin young plants 6 to 8 inches in the row. For larger plantings, 2 lbs. of seed per acre is required if drilled in, or 3 lbs. per acre if broadcasted.

**EARLY WHITE FLAT DUTCH** — 45 days. A most excellent early variety. Roots medium size, flat, color white; very early, sweet and tender. Pkt. 10c, 1 oz. 15c, ¼ lb. 35c, 1 lb. \$1.00.

**GOLDEN BALL or ORANGE JELLY** — 60 days. A yellow-fleshed globe-shaped variety of medium to large size, smooth and of light yellow color with small green crown. Flesh is fine-grained, and sweet. A fine keeper and heavy cropper. Pkt. 10c, 1 oz. 15c, ¼ lb. 35c, 1 lb. \$1.00.

**PURPLE TOP, STRAP-LEAVED**—65 days. A very early strap-leaved variety having scant, erect, entire, stiff leaves. Roots are

regular in shape, flat and medium-sized, purple-red above ground, white below. Flesh is white, fine grained and tender. Best when 2½ inches in diameter. Pkt. 10c, 1 oz. 15c, ¼ lb. 35c, 1 lb. 75c.

**\*PURPLE TOP WHITE GLOBE** — 55 days. As indicated by its name, this variety is white underground and purple above. True globe-shaped. Flesh white, and very tender. Most popular variety for general use. Pkt. 10c, 1 oz. 15c, ¼ lb. 35c, 1 lb. \$1.00.

**JAPANESE FOLIAGE TURNIP** (Shogoin)—42 days. An excellent variety where "turnip greens" are desired. Leaves very large, thick, juicy and tender and are produced upright often 2 to 3 feet high. Bulbs globe shaped, snow white, solid, mild and tender. Especially desirable because of ability to withstand aphids. Also used by canners. Pkt. 10c, 1 oz. 15c, ¼ lb. 35c, 1 lb. \$1.00.

# TOMATOES FOR SALADS, CANNING AND SHIPPING

Tomatoes succeed best in well manured, light sandy soil. For early plants sow seed in boxes or hotbeds in January. When the plants are about 2 inches high transplant to 4 inches apart each way. Set out of doors as soon as danger of frost is over. Transplant carefully, 4-6 ft. apart each way, depending upon the variety, and cultivate well as long as vines will permit. To obtain early fruit pinch off the ends of the branches when the first fruit is set. Our seed stock is of the very finest selection. One ounce of seed for 2,000 plants.

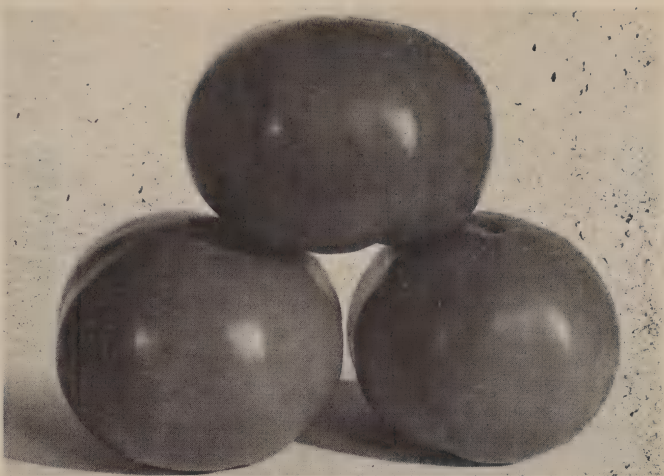
## Red Fruited Varieties

**\*EARLIANA, No. 498**—63 days. The best and most widely used early tomato. Fine for early forcing, and market garden and home use. Smooth, globular fruits, bright scarlet in color, with thin walls, and no pronounced core. Plants are comparatively small, requiring only one-third as much space as late varieties. Very productive. Pkt. 10c, 1 oz. 75c, ¼ lb. \$2.50, 1 lb. \$8.00.

**\*PEARSON IMPROVED**—75 days. The best all-around, all-purpose tomato in existence for Northern California. The original Pearson variety was introduced some years ago by the California Agricultural Experiment Station, and soon gained wide popularity throughout the state as a home garden, and especially as a market or packing tomato for green-wrap shipment. Likewise, canners found it unexcelled both for solid pack and canning purposes. Now a new improved strain of this variety has been introduced which even exceeds the former in excellence in many respects. A very large attractive fruit, slightly flattened globe in shape, deep red color, tough skin, numerous cells, but best of all, **entirely uniform smoothed skinned without any cracks. Extremely heavy bearer as well.** A self-topping variety; that is, the branches terminate in a flower cluster, and elongation therefore ceases, making the plants more compact and less sprawling than standard vines. Hence, require less space in field and are less liable to injury by the wheels of dusting machinery.

We unreservedly recommend this variety as the very best tomato that has thus far been brought out for our huge tomato production sections in this area. Pkt. 10c, 1 oz. \$1.00, ¼ lb. \$3.50, 1 lb. \$12.00.

**MARGLOBE**—73 days. Resistant to both the fusarium wilt and nailhead spot diseases. The fruit is round, red, medium sized, medium early in maturity, and of good shipping quality. Used also for canning. Results have shown it to be particularly good for San Joaquin Valley. Pkt. 10c, 1 oz. 50c, ¼ lb. \$1.50, 1 lb. \$5.00.



Tomato, Pearson Improved

**NEW STONE**—85 days. An extensively used variety for market and home gardens. Matures about 3 weeks to a month after Earliana, and several weeks before Santa Clara. In size, the plants are also intermediate between these two varieties. The fruit is bright deep scarlet, slightly flattened, smooth, free from "cat faces" and of medium size. Pkt. 10c, 1 oz. 50c, ¼ lb. \$1.50, 1 lb. \$5.00.

**\*EARLY SANTA CLARA**—100 days. While not used extensively for market garden purposes, the standard canning variety and fine for home use. Fruits of gigantic size, deep red, much flattened globe shape, and extremely solid in nature. The plants grow extremely vigorously and bear until frost stops growth. One of the best late tomatoes, and fine for "solid pack" canning. Pkt. 10c, 1 oz. \$1.50, ¼ lb. \$5.00, 1 lb. \$15.00.



Tomato, San Marzano, Jumbo Strain

## Pink Fruited Varieties

**OXHEART**—85-90 days. More or less heart shaped, rosy pink, very solid flesh and few seeds. Good for home gardens, being a particularly mild variety. Pkt. 10c, 1 oz. 75c, ¼ lb. \$2.00.

**PONDEROSA or BEEFSTEAK**—85 days. The largest tomato in existence. A wonderful home garden variety, being fine for slicing. The purplish-pink fruits are extremely "meaty" or solid, with few seeds, and quite free from acid. Vines of very vigorous growth. Pkt. 10c, 1 oz. 50c, ¼ lb. \$1.75, 1 lb. \$6.00.

## Small Fruited Varieties

**YELLOW PEAR**—85 days. Fruits 2 inches long. Pear formed, used for preserves, etc. Pkt. 10c, 1 oz. 50c.

**YELLOW PLUM**—85 days. Fruits oval, 2 inches long; clear deep yellow. Pkt. 10c, 1 oz. 50c.

**GROUND CHERRY**—90 days. Husk or Strawberry Tomato. Fruit golden yellow, size of a cherry. Fruits enclosed in a husk. Excellent for preserves, sauce or pies; very productive. Not a true tomato. Pkt. 10c, 1 oz. 50c.

## The New Paste Tomato

**SAN MARZANO, JUMBO STRAIN**—110 days. Our introduction of a new very large, heavy producing tomato of the Italian Pear type. Used extensively by canneries, and equally as useful for home use, as a paste tomato, or for mixing with standard varieties to improve the color and quality of the canned product. Fruits borne in heavy clusters, skins are very tough, fruits remain firm on the vine, and contain much less acid and moisture than standard canning varieties. Pkt. 10c, 1 oz. \$1.50, ¼ lb. \$5.00, ½ lb. \$8.50, 1 lb. \$15.00.



## VEGETABLE CALENDAR FOR THE HOME GARDEN

VARIETY	No. of Plants Per Ounce of Seed	Seed for 50 Feet	Rows Apart	Apart in Rows	Time of Planting	Ready For Use
Artichoke.....	200	12 plants	4 ft.	4 ft.	Dec. to April	5 mo.
Asparagus.....	150	50 roots	20 in.	1 ft.	Dec. to April	2nd spring
Beans, Bush.....	50 to 100	1 pkts.	1 ft.	6 in.	March to Sept.	8 to 12 wks.
Beans, Pole.....	50 to 100	2 pkts.	3 ft.	12 in.	April to Aug.	10 to 12 wks.
Beans, Lima.....	30 to 60	¼ lb.	2 ft.	10 in.	April to Aug.	12 to 14 wks.
Beets.....	300	1 pkt.	10 in.	6 in.	All year	10 to 12 wks.
Cabbage.....	2000	36 plants	20 in.	15 in.	All year	14 to 16 wks.
Carrot.....	1500	1 pkt.	10 in.	Sow	All year	8 to 10 wks.
Cauliflower.....	2000	30 plants	20 in.	18 in.	Sept. to March	14 to 16 wks.
Celery.....	100	100 plants	20 in.	6 in.	March to Aug.	16 to 18 wks.
Corn, Sweet.....	100	1 pkt.	2 ft.	18 in.	March to Aug.	10 to 12 wks.
Cucumber.....	200	1 pkt.	4 ft.	3 ft.	March to Sept.	10 to 12 wks.
Endive.....	1000	1 pkt.	1 ft.	10 in.	Sept. to March	12 to 14 wks.
Eggplant.....	500	24 plants	2 ft.	2 ½ ft.	April to July	10 to 12 wks.
Kale.....	1000	30 plants	2 ft.	18 in.	All year	8 to 10 wks.
Kohl Rabi.....	1000	1 pkt.	10 in.	Sow	All year	10 to 12 wks.
Lettuce.....	200	1 pkt.	15 in.	10 in.	All year	12 to 16 wks.
Muskmelon.....	200	1 pkt.	4 ft.	3 ft.	March to July	14 to 18 wks.
Watermelon.....	100	1 pkt.	6 ft.	4 ft.	March to July	16 to 20 wks.
Okra.....	150	1 pkt.	2 ft.	18 in.	April to July	10 to 12 wks.
Onion Seed.....	500	1 pkt.	10 in.	Sow	All year	24 to 28 wks.
Onion Sets.....	1 lb.	10 in.	3 in.	All year	All year	14 to 18 wks.
Parsnips.....	300	½ ounce	2 ft.	Drill	Aug. to March	14 to 18 wks.
Parsley.....	400	1 pkt.	10 in.	Sow	All year	12 to 14 wks.
Pepper.....	1000	30 plants	20 in.	18 in.	April to July	10 to 12 wks.
Potatoes.....	5 lbs.	2 ft.	1 ft.	March to Aug.	12 to 14 wks.	
Sweet Potatoes.....	50 plants	3 ft.	1 ft.	April to July	10 to 12 wks.	
Pumpkin.....	100	1 pkt.	6 ft.	5 ft.	Sept. to July	12 to 14 wks.
Peas.....	50	¼ lb.	Sow	Sept. to March	14 to 20 wks.	
Radish.....	500	1 pkt.	10 in.	Sow	All year	4 to 8 wks.
Rhubarb Roots.....	24 roots	3 ft.	2 ft.	Dec. to March	8 to 10 wks.	
Roselle.....	150	1 pkt.	3 ft.	2 ft.	April to May	18 to 20 wks.
Salsify.....	200	1 pkt.	10 in.	Sow	Sept. to March	14 to 18 wks.
Spinach.....	200	1 pkt.	12 in.	Sow	Sept. to April	8 to 12 wks.
Squash, Summer.....	100	1 pkt.	3 ft.	3 ft.	April to Aug.	12 to 14 wks.
Squash, Winter.....	100	1 pkt.	4 ft.	4 ft.	April to Aug.	12 to 16 wks.
Tomato.....	1000	18 plants	4 ft.	3 ft.	March to Aug.	12 to 14 wks.
Turnip.....	2000	1 pkt.	10 in.	Sow	Sept. to March	10 to 12 wks.

## VEGETABLE CALENDAR FOR FIELD PLANTING

VARIETY	Seed Per Acre	Row Apart	Apart in Row	When to Plant	Time to Mature
Artichoke.....	1 lb.	5 ft.	4 ft.	Oct. to Jan.	18 to 20 wks.
Asparagus, Roots.....	11,000	4 ft.	1 ft.	Dec. to Feb.	1 year
Asparagus, Seed.....	3 lbs.	2 ft.	Drill	Feb. to March	2 years
Beans, Bush.....	40 lbs.	2 ft.	Drill to 6 in.	March to Aug. 1	8 to 12 wks.
Beans, Pole.....	30 lbs.	3 ft.	Drill to 6 in.	April to Aug. 1	10 to 12 wks.
Lima, Bush.....	50 lbs.	32 in.	Drill to 6 in.	April to Aug. 1	10 to 12 wks.
Lima, Pole.....	40 lbs.	3 ft.	12 in.	April to Aug. 1	12 to 14 wks.
Beets, Table.....	10 lbs.	Double row	Drill	All year	10 to 12 wks.
Beets, Stock.....	8 lbs.	16 in.	Drill	Oct. to May 1	14 to 18 wks.
Carrots, Table.....	3 lbs.	Double row	Drill	All year	10 to 12 wks.
Carrots, Stock.....	3 lbs.	16 in.	Drill	Oct. to May 1	12 to 18 wks.
Cabbage, Plants.....	8,000	30 in.	18 in.	All year	14 to 16 wks.
Cabbage, Seed.....	5 oz.	8 in. seed bed	Drill	All year	22 to 24 wks.
Cauliflower, Plants.....	7,000	3 ft.	2 ft.	May to Feb. 1	14 to 16 wks.
Cauliflower, Seed.....	5 oz.	8 in. seed bed	Drill	May to Feb. 1	20 to 24 wks.
Celery, Plants.....	30,000	30 in.	6 in.	March to Aug. 1	16 to 18 wks.
Celery, Seed.....	1/4 lb.	8 in. seed bed	Drill	March to Aug. 1	24 to 26 wks.
Corn, Sweet.....	10 lbs.	3 ft.	18 in.	March 1 to Aug. 1	10 to 12 wks.
Cucumbers.....	2 lbs.	4 ft.	3 ft.	March to Sept. 1	10 to 12 wks.
Endive (Chicoree).....	2 lbs.	Double row	Drill and thin to 10 in.	Sept. to Feb. 1	14 to 18 wks.
Eggplant, Plants.....	7,000	3 ft.	2 ft.	April to July 1	10 to 12 wks.
Eggplant, Seed.....	1/4 lb.	Hot bed	8 in.	Dec. to Feb. 1	18 to 20 wks.
Kale.....	2 lbs.	3 ft.	Drill	Sept. to March 1	8 to 10 wks.
Kohl Rabi.....	2 lbs.	Double row	Drill	Sept. to March 1	10 to 12 wks.
Lettuce.....	2 lbs.	Double row	Drill and thin to 10 in.	All year	12 to 15 wks.
Muskmelon.....	1 lb.	6 ft.	4 ft.	Feb. 15 to June 15	14 to 18 wks.
Watermelon.....	1 lb.	6 ft.	4 ft.	Feb. 15 to June 15	16 to 20 wks.
Casaba.....	1 lb.	8 ft.	4 ft.	Feb. 15 to June 15	16 to 20 wks.
Okra.....	6 lbs.	3 ft.	18 in.	March to Aug. 1	10 to 12 wks.
Onion Seed.....	2 lbs.	Double row	Drill	Sept. to April 1	24 to 28 wks.
Onion Sets.....	250 lbs.	Double row	4 in.	Dec. to Feb. 1	14 to 18 wks.
Parsley.....	4 lbs.	Double row	Drill	Aug. to April 1	12 to 14 wks.
Parsnip.....	5 lbs.	2 ft.	Drill	Aug. to March 1	14 to 18 wks.
Peas.....	50 lbs.	30 in.	Drill to 6 in.	Sept. to March 1	14 to 20 wks.
Pepper.....	9,000	3 ft.	18 in. or drill seed in	April to June 1	12 to 14 wks.
Pepper, seed field planting.....	1	3 ft.	Field and thin to 18 in.	Jan. to April 1	18 to 20 wks.
Pepper seed in seed bed.....	6 oz.	8 in.	Drill	Jan. to April	
Potatoes, Irish.....	600 lbs.	3 ft.	1 ft.	Feb. to Sept. 1	10 to 14 wks.
Potatoes, Sweet, Plants.....	12,000	3 ft.	1 ft.	April to July 1	10 to 12 wks.
Potatoes, Sweet, Seed.....	400 lbs.	Hot bed	10 ft.	Jan. to Feb. 1	18 to 20 wks.
Pumpkin.....	1 lb.	10 ft.	10 ft.	April to July 1	12 to 14 wks.
Radish.....	12 lbs.	Double row	Drill	All year	8 to 10 wks.
Rhubarb, Roots.....	5,445	4 ft.	2 ft.	Sept. to April 1	8 to 10 wks.
Rhubarb, Seed.....	1/4 lb.	Double row	Drill	Jan. to April 1	16 to 20 wks.
Roselle.....	3 lbs.	5 ft.	3 ft. thin to 1 plant	April to May	18 to 20 wks.
Spinach.....	12 lbs.	Double row	Drill to 6 in.	Oct. to April 1	
Squash, Summer.....	2 lbs.	4 ft.	3 ft.	March to Aug. 1	10 to 12 wks.
Squash, Winter.....	1 1/2 lbs.	10 ft.	6 ft.	April to Aug. 1	12 to 14 wks.
Salsify.....	6 lbs.	Double row	Drill	Sept. to April 1	14 to 18 wks.
Tomato, Plants.....	1,200	6 ft.	6 ft.	March to Aug. 1	12 to 14 wks.
Tomato, Seed.....	2 oz.	Hot bed, Jan.	Out door drill 10 in.	March to June 1	18 to 20 wks.
Turnip.....	3 lbs.	Double row	Drill	All year	

# Miscellaneous Garden Requisites

## MATERIALS FOR CONTROLLING DISEASE AND INSECT PESTS OF PLANTS

### Sensational New Plant Growth or Promoting Stimulants

**LAGOMARSINO'S VITAMIN B1 SOLUTION**—The Modern Garden Miracle. Re-invigorates root action which produces more vigorous, healthier plants, and larger blooms. Helps eliminate root shock in transplanting plants, shrubs, etc. Restores weak and scrawny plants to vigorous health. 10 cc. bottle, 35c, postpaid. One drop makes a gallon of Vitamin B1 Solution. 150 gals. to the bottle. 30 cc. bottle, 75c, postpaid.



**LAGO GARDEN SPRAY**—A new garden spray containing Rotenone, especially effective for the control of aphids, mealy bug, red spider, certain mites, scale insects (young stages), diamond black cabbage worm, caterpillars, and white fly. 1 oz. bottle 40c—postpaid. Makes 5 gallons of spray. 4 oz. bottle 80c—postpaid.



**LAGO MILDREW SPRAY**—An effective control for mildew on roses and other plants. 4 oz. bottle, 35c (40c postpaid).



**LAGO APHIS SPRAY**—A very effective spray against aphids and plant lice. Economical and safe to use. Particularly effective against squash bugs. 1 oz. bottle, 40c; postpaid. (1 oz. makes 4 to 6 gals. spray). 4 ozs. 80c; postpaid.

**BARLEY:** Stripe and covered smut are usually eliminated by the use of this simple dust treatment.

**OATS:** Excellent control of loose and covered smuts may be obtained by seed treatment with Ceresan.

**WHEAT:** Ceresan is very effective in the control of bunt or stinking smut, and is recommended for the control of seed-borne flag smut.

postage extra. 1 lb. tin 80c; 5 lb. tin \$3.40; 25 lb. pail \$15.00;

**DOGZOFF:** Guaranteed Modern Repellent—It will save you many annoyances and much damage. It is recommended for dogs, cats, moles, mice, rabbits, etc. Dogzoff will afford you freedom from these various pests. Very efficient and goes a long way. Season's supply bottle, 60c; (postpaid 69c).

**CYANOCAS A-DUST:** For the control of large red ants, gophers, etc. 4 oz. 30c; 1 lb. pkg. 75c; 5 lb. pkg. \$2.50; postage extra.

**DRY LIME SULPHUR:** An invaluable spray for the control of fungus diseases. 1 lb. 35c; 5 lb. can \$1.45; postage extra.

**DUSTING SULPHUR:** A dust for fungus diseases. 1 lb. 15c; 2 lbs. 25c; postage extra.

**FUNGI-BORDO:** Excellent spray for fungus diseases. 1 lb. 35c, postage extra.

### ANTROL SOWBUG-CUTWORM CONTROL

An especially prepared meal that is very attractive to cutworms and sowbugs.

Packed in convenient cans with pouring spout. 8 oz. can 25c; 12 oz. can 35c; 2½ lb. can \$1.00, postage extra.



**READY FILLED ANTROL SET**—Consisting of four patented glass "feeders" filled with regular Antrol Syrup. Set, 40c. (50c postpaid).



**NEW SNAROL with Methaldéhyde**—An effective bait for controlling cutworms, grasshoppers, snails, slugs and sowbugs. Not injurious to plants. 1 lb. 25c; 2½ lbs. 50c; 10-lb. bag, \$1.50; 50-lb. bag \$5.50, postage extra.



**RED ARROW GARDEN SPRAY:** Effective against chewing and sucking insects. Non-poisonous when used as directed. 1 oz. bottle 35c (40c postpaid); 5 oz. \$1.00 (\$1.05 postpaid).

**ANTROL ANT POWDER:** This new improved powder kills ants, roaches, and other pests quicker by actual test. Packed in handy shaker, twist-top can. Recommended for quick temporary relief in apartments, camps, summer homes, etc. 1¼ oz. can 11c; 4½ oz. can 25c; 5 lb. tin \$4.50; postage extra.

**"BLACK LEAF 40"** (Nictine Sulphate). An effective and indispensable insecticide for plants, animals, and poultry. Complete direction circular with every package. 1 oz. 35c (40c postpaid); 5 ozs. \$1.00; 1 lb. bottle \$2.25; 2 lb. tin \$3.25; 5 lbs. tin \$5.85; postage extra.



**NICO DUST No. 10** — 10% Black Leaf 20 — 1 lb. pkg. 50c; 5 lb. pkg. \$1.60; postage extra.

**NAPHTHALENE FLAKES:** Excellent to kill gladioli thrips on stored combs and thereby prevent thrips infestations when combs are planted. Use 1 oz. for every 100 combs placed in a tight container. 1 lb. pkg. 50c, postpaid.

### FERTILIZERS AND VITAMINS FOR PLANTS

**HORMODIN POWDER:** The sensational new powder containing the hormone-like plant growth substance—indolebutyric acid—which makes treated cuttings root quicker and have more growing roots per cutting. Complete directions with every package.

**Three Hormodin Powders**  
**Powder No. 1**—A general purpose powder especially good for carnations, roses, chrysanthemums, and similar types. 1¼ oz. tins 50c; 1 lb. tin, \$3.00 each; postage extra.

**Powder No. 2**—Designed for many of the woody and semi-woody types. 1¼ oz. tin 75c; 1 lb. tin \$4.50 each; postage extra.

**Powder No. 3**—Designed for the more resistant species, including many evergreens and dormant leafless cuttings. 1 oz. tin \$1.00; ½ lb. tin \$4.50 each; postage extra.

**Combination Package**—Powder No. 1, Powder No. 2 and Powder No. 3, in one carton. Each 75c, postage extra.

**BONEMEAL:** A slow acting, but very effective fertilizer, excellent for liberating plant foods over a long period of time. 2½ lb. pkg. 30c; 10 lbs. 70c; postage extra.

**COTTONSEED MEAL**—Used in fertilizing certain acid-loving plants. 2½ lb. pkg. 30c, postage extra.

**SEMESAN:** This dust disinfectant is for combating many diseases carried on seeds, bulbs, combs, roots, or tubers, of flower, vegetable and nursery crops. Used as liquid treatment for controlling "brown patch" of lawn and golf green grasses. Reduces damping-off of seedlings. 2 oz. tin 40c; 1 lb. tin \$2.50; 5 lb. tin \$11.40; 25 lb. pail \$52.50; postage extra.

**SEMESAN BEL:** This dip disinfectant is for the control of scab and rhizoctonia carried on white sweet potatoes, and the prevention of stem rot and scurf of sweet potatoes. 2 oz. tin 30c; 1 lb. tin \$1.65; 5 lb. tin \$7.15; 25 lb. pail \$33.25; postage extra.



**SEMESAN JR.:** This dust disinfectant is for the control of Diplodia and Gibberella root rots of field and sweet corn; also, for the prevention of seed rotting of early planted corn. One pound treats 8 bushels. 4 oz. tin 35c; 1 lb. tin 75c; 5 lb. tin \$3.25; 25 lb. pail \$12.50; postage extra.

**CUPROCID** protects seeds from damping-off in the ground, prevents seedlings from damping-off above the ground. Use Cuprocid as a dust on seeds and as a spray on planted soil and seedlings.



4-oz. can ..... \$ .35  
1-lb. can ..... .90  
5-lb. can ..... 4.00  
Postage extra.  
The Standard Red Copper Oxide

The Standard Red Copper Oxide

## CUPROCID

**TREE TANGLE-FOOT:** A sticky substance that may be applied to the bark of trees to protect them from climbing insects. 1 oz. 35c; 1 lb. can 65c; 5 lbs. \$3.00; 10 lbs. \$5.65; postage extra.

**ACME ROTENONE GARDEN GUARD** (Non-poisonous): For sucking and chewing insects. Should be used on green vegetable crops in place of Arsenate of Lead. 1 lb. 35c, postage extra.

**ARSENATE OF LEAD:** For the control of chewing insects. 1 lb. 35c, postage extra.

**CALCIUM ARSENATE:** Used widely as a dust for controlling chewing insects. 1 lb. 25c, postage extra.

**GYPSUM:** Ideal to bring about mechanical changes in the soil—loosens, and makes it more pervious to air and water. 100 lb. sack \$1.25; 5 sacks, \$1.10 per sack; f.o.b. Sacramento.

**HYDRATED LIME:** Ideal for sweetening any sour soil. 10 lb. bag 35c; 50 lb. bag 75c; f.o.b. Sacramento.

**LAGO BEARMOR FERTILIZER:** See page 70. Ideal for acid loving plants.

**NITRATE OF SODA:** A quick acting fertilizer. 2½ lb. pkg. 25c, postage extra.

**SULPHATE OF AMMONIA:** Good quick acting fertilizer for lawns, etc. 2½ lb. pkg. 30c, postage extra.

**VIGORO:** Contains all 11 of the vital food elements plants require from the soil. 1 lb. 10c; 5 lbs. 45c; 10 lbs. 70c; 25 lbs. \$1.40; 50 lbs. \$2.30; 100 lbs. \$3.50; postage extra.

**STIM-U-PLANT:** A concentrated fertilizer in tablet form. Excellent for house plants. Full directions with each package. 10 tablets, 10c; 30 tablets, 25c; 100 tablets, 75c; postpaid.

**SPOONIT:** A highly concentrated powdered plant food, containing Vitamin B1, formulated by a nurseryman specialist. Quickly soluble in water and best applied in solution. Bringing outstanding results wherever used. Write for complete circular. 5 oz. 25c; 24 oz. 75c; postage extra.



# AIDS TO BETTER GARDENING

## WISS PRUNING SHEARS



### GARDEN TROWELS

**NO. 7041—REGULAR GARDEN TROWEL:** Made from cold finish steel. Sharpened blade with polished point. Comfortable enamel colored handle. Length 11½ inches. Price 35c; postpaid.

**NO. 7044—TRANSPLANTING TROWEL:** Narrower and more pointed than the above. Cold finished steel. Sharpened blade with polished point. Comfortable handle made of enamel. Length 11½ ins. Price 35c; postpaid.

## EEZY WEAR GARDEN GLOVES

All-Leather — DIRT-PROOF  
SOFT AS KID — Extra Pliable

Ideal gloves for men and women, made from select imported leather processed to render it amazingly soft and pliable, as well as durable. Permit almost barehanded freedom with perfect comfort, yet insure complete protection from dirt, scratches, bruises, scorns. Economical—outwear 6 pairs of fabric gloves and are useful the year round for garden, housework, painting, yard, furnace, garage, etc. WASHABLE. Sizes for women: Small, medium, large; for men: medium and large. Price, 75c per pair; 2 pairs, \$1.40; postpaid.



**NO. 908—WISS HY-POWER SHEARS:** Has new draw cut action. Hardened oversized steel bolt and nut. Tempered steel frame. Pistol grip handles. Coil steel springs. Nickel finish. Length 8 inches. Price, \$2.35; postpaid.

**WISS FLOWER HOLDER SHEARS:** Will cut and hold flowers in one operation without crushing the stem. Prevents rose thorn scratches. No further handling needed. Price \$1.20; postpaid.

**WISS HEDGE SHEARS NO. 3½B:** A light shear, riveted handles, 8½-inch blade. Price \$2.50; postpaid.

**SEYMOUR-SMITH "SNAP-CUT" SHEARS NO. 19—"SNAP-CUT" SPECIAL:** An easy cutting shear using the snap-cut action. Black and orange enamel finish. Length 8 inches. Price \$1.65; postpaid.



**NO. 118—"SNAP-CUT" LADIES:** The same as No. 19 above, except smaller, designed for ladies' use in the garden where a light efficient shear is required. Length 6¼ ins. Price \$1.35; postpaid.

**NO. 9—"SNAP-CUT" JUNIOR:** A low priced pruner with "snap-cut" action. Green enamel finish. Length 7¾ inches. Price \$1.10; postpaid.



**CYCLONE SEEDER**—Sows any kind of seed perfectly even over the ground at any desired rate per acre. Saves seed, soon pays for itself. Also used for seeding golf courses, etc. \$2.75; postage extra.

## SEEDERS, BROADCAST

**GENUINE CAHOON**—A splendid broadcast seeder, wire bound, steel hopper, made of very best material throughout. \$6.50, f. o. b. Sacramento. Weight 8 pounds.

## POT LABELS—PAINTED

Weight	Per 1000	Per 100	Per 1000
4-inch	3½ lbs.	\$0.35	\$2.50
5-inch	4 lbs.	.40	3.00
6-inch	4½ lbs.	.45	3.50
8-inch	10 lbs.	.85	7.00
10-inch	12 lbs.	1.10	9.00

## TREE LABELS—PAINTED

	Per 100	Per 1000
3½-in. Copper Wired.....	\$0.40	\$3.00
3½-in. Iron Wired (Plain)...	.35	2.40

**MACABEE GOPHER TRAP**—There are more Macabee traps sold than all other makes combined. They are inexpensive and very efficient. Designed for exterminating the wily pocket gopher. Weight ½ lb. Price, 30c each, postpaid.

**GOPHER SCENT**—The scent attracts the gopher and draws him to the bait. Small pkt. 35c; medium size, 50c; postage extra.

**RAT SCENT**—A specially prepared poisoned grain. The scent attracts rats and mice to the bait and the grain itself is agreeable to their taste. Small pkg. 35c; medium size, 50c; postage extra.

**TREE SEAL**—An ideal grafting, in-arching, or pruning compound and is also useful for many household purposes. Pint can, 30c; quart can, 50c; gallon can, \$1.50; 5 gallon can, \$5.00; postage extra.

## Lago Bird Seeds (Bulk)

**LAGO MIXED BIRD SEED**—A combination of re-cleaned seeds for all canaries. The standard daily diet, air-washed and free from all dirt and chaff. 2-lb. bag, 25c; 5-lb. bag, 55c; 10-lb. bag, \$1.00; 25-lb. bag, \$2.25; 50-lb. bag, \$4.10; 100-lb. bag, \$8.00. F. O. B. Sacramento.

**LAGO LOVE BIRD MIXTURE**—Per lb. 10c; 12 lbs. \$1.00; 25 lbs. \$1.90; 50 lbs. \$3.50; 100 lbs. \$6.00, f.o.b. Sacramento.

**LAGO DOUBLE RECLEANED CANARY**—5 lbs. 50c; 25 lbs. \$2.00; 50 lbs. \$2.75, f.o.b. Sacramento.

**LAGO BRAND SWEET RAPE**—5 lbs. \$1.00; 25 lbs. \$4.00, f.o.b. Sacramento.

**LAGO JUMBO SUNFLOWER**—5 lbs. 60c; 10 lbs. \$1.00, f.o.b. Sacramento.

**LAGO BIRD CHEER**—Made up of an assortment of rare seeds for caged birds; also contains vitamins. 1 lb. 50c; 5 lbs. \$2.25; 10 lbs. \$4.00. Prepaid.

**LAGO NESTING FOOD**—1 lb. 50c; 5 lbs. \$2.25; 10 lbs. \$4.00. Prepaid.

**LAGO PARROT MIXTURE**—1 lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.80. Prepaid.

**LAGO FISH FOOD**—1 lb. 50c; 5 lbs. \$2.25; 10 lbs. \$4.00. Prepaid.

**ONE-SPOT FLEA KILLER**—One application in only one spot kills fleas on dogs. Harmless to pets and children; also kills lice, ants, fleas, aphids, bedbugs and other insects. 1 oz. can 25c; 3 oz can 50c; postage extra.

**GAINES DOG MEAL**—Gaines Dog Meal is biologically proven food, tested through four generations. This food is continuously tested, being fed daily to dogs and puppies under every conceivable condition. Gaines Meal was the choice of the U. S. Antarctic Expedition for the 200 sled dogs and puppies to provide their essential nourishment while working under such hazardous conditions. Your dog will thrive on this nationally famous food. 2 lb. pkg. 25c; 5 lb. pkg. 55c; 10 lb. pkg. \$1.00; 50 lb. pkg. \$4.00; postage extra.

## 'TWIST-EMS'



**"TWIST-EMS"**—Just a simple twist of the wrist and the plant is tied. Dark green, strong tapes with wire reinforcing that makes perfect plant ties. Place "Twist-Em's" around stem and support. Box of 125, 8 inch size, 25c, postpaid. Box of 250, 4 inch size, 25c, postpaid.

## HOT CAPS—Sage Hi Caps

They Protect Plants from Frost, Wind, Rain, Insects, and Ground Crusting, Thereby Producing Quicker Crops.

**SAGE HI CAPS** represent a big improvement in hot caps. These caps are stronger and taller, and will accommodate a wider variety of plants including tomatoes and peppers. The ventilation hole in the top also affords opportunity for dusting without disturbing the cap. We are confident you will be more than satisfied with these splendid hot caps.

### PACKED IN FLAT ENVELOPE SETTER

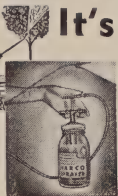
20 Caps, per envelope, 55c; 50 Caps, per envelope, \$1.10.

### PACKED IN CARTON

250 Caps, per carton, \$4.15; 1000 Caps, per carton, \$10.50. Light weight aluminum Setter, each, \$1.65.



A  
Germaco  
Product  
PAT. PEND.  
T. M. REG.  
U. S. PAT.  
OFFICE



## It's Fun, It's Easy

to keep your garden

pest-free with NEW

# HARCO SPRAYER

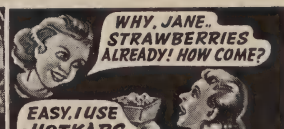
Plants blighted? Prevent and kill destructive garden pests with new, proven HARCO—professional-type Sprayer at a low price. Easy to Use. Simply squeeze pump handles together.

**Sprays Up, Down, Sideways—Without Adjustment.** Conveniently-long extension rod sends penetrating spray onto tops tall shrubbery, 'neath undersides of small plants, into hard-to-reach-places. Simple Construction. Nothing to get out of order.

**No Leaks or Drips** to wet hands or stain clothing.

**Many Uses.** Waters house plants, seedlings in flats. Freshens cut flowers. Sprays potted plants, inside shrubs. Order today. ONLY.....

**\$2.35 complete**



## Hotkaps

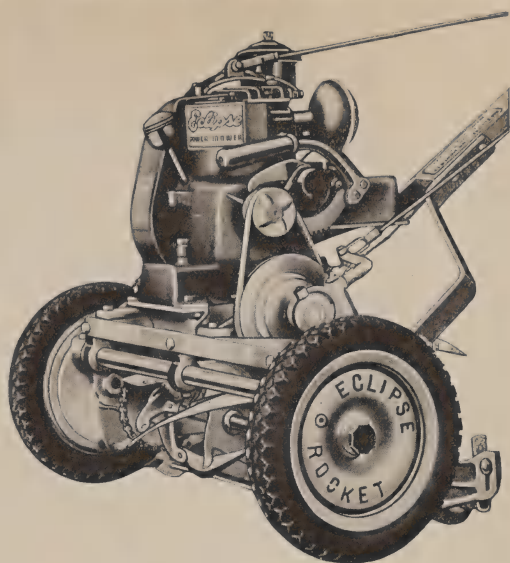
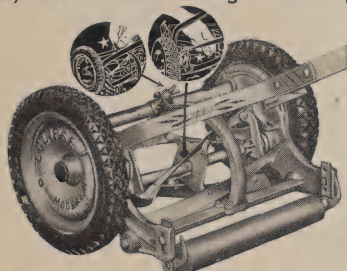
Genuine **HOTKAPS**—patented strong little hot-houses—completely protect plants from destructive frost, storms and insects. Increase yield 10% to 25%, ripen plants 3 weeks earlier. Easy to set. Millions used. Order today. **50c** Postage 25 Hotkaps, with Setter..... extra.  
**MARKET GROWERS:** Germaco Hotkaps help you have **RIPE CROPS** 3 weeks earlier for highest prices. 1000 for \$11.00; 250 package with Setter and Tamper, \$4.25; 100 package with Setter and Tamper, \$2.85. Postage paid. Steel Setter, \$1.60; Garden Setter, 50c; Tamper, 25c. Postage extra.

# Eclipse

## THE MOWER WITH MODERN FEATURES

- ★ Finger Tip Adjustment
- ★ Automatic Sharpening

Enjoy Modernized Mowing With Eclipse!



## THE ECLIPSE LAWN MOWER WITH GOODYEAR PNEUMATIC TIRES

The only Mower with automatic self-sharpening finger-tip adjustment. Here is a Mower that is always sharp and in correct adjustment. The keen cutting edge of Eclipse blades keeps a lawn beautiful and smooth without injury to the turf. The first cost of an Eclipse is the last cost. The Eclipse is always in perfect adjustment—no tinkering—no expense. The Eclipse is always sharp. No expense—no attachments—no disassembly.

**Eclipse DeLuxe Model L**—5 blades; automatic sharpening and finger-tip adjustment; steel journals, special ball bearings; semi-pneumatic tires. **Size 16-inch, \$20.95.**

**The Arlington**—5 blades; ball bearings; 10-inch open wheels; half cushion. **Size 16-inch, \$9.95.**

**The Zephyr**—5 blades; natural grip; all steel handles. **16-inch size, \$16.95.**

**The Torpedo Special**—16-inch size, \$7.95.

**The Advance**—16-inch size, \$12.95.

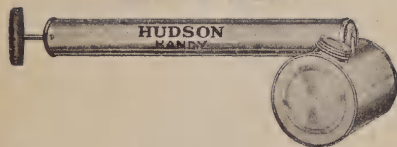
## ECLIPSE ROCKET

### THE PERSONAL HOME POWER MOWER

Brings the keen enjoyment of effortless motorized mowing to every home. Built for family operation and service. Starred with features which remove the drudgery of old-style lawn mowing methods—full 20" cut, Briggs & Stratton engine, Timken bearings, Goodyear rubber tires. Budget Plan service through your dealer.

**\$89.50**  
EASY TERMS

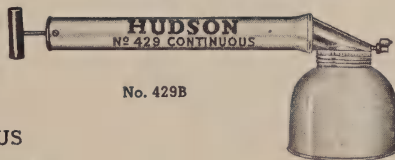
### HUDSON HANDY



The Handy is adapted for use about the yard, garden, poultry house, etc. Fine for all fly sprays, disinfectants. About 1 quart capacity.

440—Handy ..... Price 50c

### HUDSON CONTINUOUS



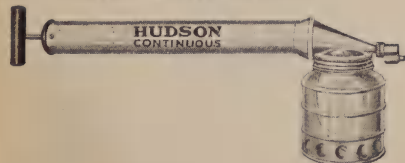
No. 429B

All copper continuous sprayer. Will withstand the corrosive action of insecticides, deodorants and disinfectants. Large 36-oz. tank with 2¼-in. opening for easy, quick filling. Factory tested and inspected.

429B—All copper ..... \$2.25

429T—Tin ..... 1.20

### CRITIC—CONTINUOUS



One quart continuous sprayer with detachable glass container, for general spraying of all insecticides and disinfectants. Jar may be replaced with ordinary Mason jar.

427G—Critic ..... \$1.40

### HUDSON PERFECTION

For years a universal favorite with florists, home gardeners, and poultry men. Sprays all insecticides and disinfectants. Handles white wash and cold water paints very effectively.



210G—4 gal. Galvanized Tank .... \$ 9.45  
210B—4 gal. Copper Tank ..... 15.00  
240G—2½ gal. Galvanized Tank ... 7.00  
240B—2½ gal. Copper Tank ..... 11.50

### HUDSON LEADER SPRAYER

3½ gallon capacity. A large, well made sprayer, priced moderately.

192G—Galvanized Tank ..... \$6.25



## Vegetable Planting Chart—Page 62.

	Page No.		Page No.		Page No.		Page No.
Aublet	7	Coral Bell	15	aburnum Vossi	32	Primroses	20
Achillea	7	Coreopsis	12	Ladino Clover	40	Primula	26
Aconitum	7	Corn	50	Lantana	16	Prunes	33
Acroclonium	7	Corn Salad	49	Larkspur	17, 36	Pumpkins	57, 58
African Daisy	8, 13	Cornflower	10	Lathyrus Latifolius	16	Pyracantha	6, 22, 23
African Violet	25	Cosmos	11, 32	Lavatera	17	Pyrethrum	5, 22, 23
Ageratum	6	Cranberry	33	Lawn Grass	70	Quince	33
Agrostemma	7	Crabapples	33	Lawn Mowers	65	Radiash	59
Alfalfa	39	Cress	39	Leek	53	Ranunculus	24
Almonds	33	Cucumber	52	Lemons	32, 33	Ranunculus	24
Alyssum	7, 36	Cuphea	12	Lemon Verbena	17	Rhodanthus	33
Amaranthus	7	Currants	33	Leptosiphon	17	Rhodaliza Acid Food	70
Amaranthopsis	7	Cut Flower Garden Mixture	12	Letitume	53	Rhubarb Seed	59
Anchusa	7	Cyclamen	2	Lettuce	53	Rhubarb Roots	59
Anemone	7	Cynoglossum	6, 12	Linararia	17	Ricinus	24
Antirrhinum	8	Dahlia Bulbs	34, 35	Linum	17	Rock Rose	24
Apples	33	Dandelion	49	Lobelia	17	Romney	24
Apricots	33	Datura	12	Long-Clustered Golden-Chain Tree	32	Roselle	59
Aquilegia	8	Daubentonia	32	Loganberries	33	Roses, Front Cover, 2, 3, 4, 5	24
Arctotis	8	Delphinium	6, 13, 31	Lupinus	17	Rudbeckia	24
Armeria	7	Dianthus or Pinks	13	Lupinus	17	Rutabagas or Swedes	59
Artichoke	45	Didiscus	13	Lupinus	17	Saintpaulia	25
Artichoke, Jerusalem	45	Dimorphotheca	13	Lupinus	17	Salpiglossis	24, 25
Asparagus	45	Directions to Customers	69	Lupinus	17	Salvia or Oyster Plant	59
Asparagus Fern	8	Dog Food	64	Lupinus	17	Salvia	25
Asparagus Roots	4	Dolichos	13	Lupinus	17	Santa Barbara Poppy	16
Asters	9, 38	Doronicum	13	Lupinus	17	Sanvitalia	24
Aubretia	8	Echinocystis	13	Lupinus	17	Saponaria	24
Australian Pea Vine	8	Egg Plant	50	Lupinus	17	Scarlet Runner Bean	32
Azaleas	71	Endive	51	Lupinus	17	Scarlet Wisteria Tree	24
Baby Blue Eyes	19	English Daisy	51	Lupinus	17	Schizanthus	24
Bachelor Button	10	Eschscholtzia	13	Lupinus	17	Sedum	24
Ballon Vine	8	Euphorbia	14	Lupinus	17	Sensitive Plant	33
Balsam	19	False Dragon Head	23	Lupinus	17	Shade Tree	24
Balsam Apple	9	Fennel or Finocchio	51	Lupinus	17	Shade Tree	24
Balsam Pear	19	Fenugreek	40	Lupinus	17	Shrub, Ornamental	71
Beans	45, 47	Fertilizers	63	Lupinus	17	Siberian Wallflower	11
Bearmor Fertilizer	70	Field and Farm Seeds	39, 44	Lupinus	17	Sidacea	24
Beets	47	Figs	33	Lupinus	17	Silene	24
Begonia Bulbs	34	Flower Seed Novelties	36, 37	Lupinus	17	Solanum	24
Begonia Seeds	34	Four O'Clocks	18	Lupinus	17	Solidago	24
Bells	19	Forget-Me-Not	19	Lupinus	17	Smilax	24
Berries	33	Forget-Me-Not	19	Lupinus	17	Snapdragons	8
Bird Seed	64	Fraxino	33	Lupinus	17	Spinach	59
Blackberry	33	Fuchsia	14, 17	Lupinus	17	Sprayers	65
Bleeding Heart	31	Gallardia	14	Lupinus	17	Squash	60
Blue Lace Flower	6, 19	Gardenia	31	Lupinus	17	Statice	25
Blue Lace Flower	6, 19	Geranium	14	Lupinus	17	Stipa	18, 25, 37
Boysenberries	33	Cerbera	14	Lupinus	17	Stokesia	24
Brachycome	47	Geum	52	Lupinus	17	Strawberries	33
Broccoli	10	Gherkin	52	Lupinus	17	Strawberry Clover	41
Browallia	47	Gilia	14	Lupinus	17	Sunflower	15
Bussels Sprouts	45	Gladioli	34, 35	Lupinus	17	Swan River Daisy	27
Burn Bush	24	Godetia	14	Lupinus	17	Sweet Peas	24
Bur Clover	24	Golden Rod	14	Lupinus	17	Sweet Rocket	24
Butterfly Flower	47	Gomphrena	14	Lupinus	17	Sweet Sultan	25
Cabbage	48	Gooseberries	57	Lupinus	17	Sweet William	20
Cactus Seed	10	Gourds	33	Lupinus	17	Sweet Wivelsfield	13
Calceolaria	10	Grapefruit	70	Lupinus	17	Swiss Chard	58
Calendula	10	Grass Seeds, Lawn	42, 43	Lupinus	17	Tageles	6, 8, 37
Calliopis	10	Grass Seeds, Farm and Pasture	42, 43	Lupinus	17	Thalictrum	26
California Poppy	13	Grevillea	14	Lupinus	17	Thunbergia	26
California Tree Poppy	23	Gypsophila	14	Lupinus	17	Tithonia	26
Campanula	10	Helenium	15	Lupinus	17	Tobacco	19
Canary Bird Vine	10	Helianthus	15	Lupinus	17	Tomatoes	61
Candytuft	11	Helichrysum	11	Lupinus	17	Torenia	24
Canna	33	Heliotrope	15	Lupinus	17	Trees, Berries, etc.	33
Cantaloupe or Muskmelon	54	Herbs	56	Lupinus	17	Trees, Fruit	33
Carabao Beans	10, 12	Heperia	24	Lupinus	17	Trees, Shade	33
Cardinal Climber	10, 12	Heucheria	15	Lupinus	17	Trees, Flowering	71
Cardoon or Cardoni	11, 38	Hibiscus	15	Lupinus	17	Tritonia	26
Carnations	11, 38	Hollyhock	15	Lupinus	17	Turnip	60
Carrots	48, 49	Hop	58	Lupinus	17	Ursinia	26
Castor Oil Bean	23	Humulus	11	Lupinus	17	Valeriana	26
Cauliflower	11	Humulus Fertilizer (Nutrio)	13	Lupinus	17	Vegetable Seeds	45, 62
Celery	49	Hymenocallis	13	Lupinus	17	Venidium	26
Celery Root	49	Hypocistis	13	Lupinus	17	Verbena	26, 28
Celosia	11, 36	Hyacinth Bean	13	Lupinus	17	Vernonia	26
Centaurea	10	Iberis	11, 16	Lupinus	17	Vinca	26
Chervil	49	Ice Plant	16	Lupinus	17	Vicia	26
Chicory	51	Impatiens	16	Lupinus	17	Vicia	26
Chives	51	Insecticides & Fungicides	63	Lupinus	17	Vicia	26
Chrysanthemums	11	Ipomea	31	Lupinus	17	Vicia	26
Cineraria	33	Ivy	31	Lupinus	17	Vicia	26
Citrus	12	Jerusalem Cherry	24	Lupinus	17	Vicia	26
Clarkia	12	Kale or Borecole	52	Lupinus	17	Vicia	26
Cleome	6, 11	Kentworth Ivy	52	Lupinus	17	Vicia	26
Clovers	39, 40, 41	Kochia	16	Lupinus	17	Vicia	26
Cockscomb	11	Kohl-Rabi	51	Lupinus	17	Vicia	26
Cocks Lachrymae	11	Kudzu Vine	16	Lupinus	17	Vicia	26
Coleus	12	Kudzu Vine	16	Lupinus	17	Vicia	26
Columbine	12	Kudzu Vine	16	Lupinus	17	Vicia	26
Collards	24	Kudzu Vine	16	Lupinus	17	Vicia	26
Coneflower	24	Kudzu Vine	16	Lupinus	17	Vicia	26

**California Retail Sales Tax 3%**

Please include amount of SALES TAX  
with your remittance as follows:

**\$0.01—\$0.14—No Tax**  
**.15— .49—One Cent Tax**  
**.50— .83—Two Cents Tax**  
**.84— 1.16—Three Cents Tax**  
**1.17— 1.49—Four Cents Tax**  
**1.50— 1.83—Five Cents Tax**

### For Exemption

See reverse of this Order Form

# F. LAGOMARSINO & SONS

## SEED CROWERS



## MERCHANTS

**721-723 J Street, Sacramento, Calif.**

<i>Name</i> ..... (Mr., Mrs. or Miss ; write name plainly)		<b>Amount Enclosed</b> <i>Money Order</i> ..... <i>Cash</i> ..... <i>Stamps</i> ..... <i>Total</i> .....
<i>Street</i> .....	<i>R. D.</i> ..... <i>Box</i> .....	<b>NOTICE — Remittance by Postal Money Order is a guarantee against loss. We prefer them for our mutual protection. Use them if convenient.</b>
<i>Post Office</i> .....	<i>P. O. Box</i> .....	
<i>State</i> ..... <i>Express or Freight Office</i> .....		
<i>Forward goods by Parcel Post</i> ..... <i>Express</i> ..... <i>Freight</i> ..... Check how goods are to be sent.		
<i>Date</i> .....		

F. LAGOMARSINO AND SONS GIVE NO WARRANTY, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS, BULBS, PLANTS OR TREES THEY SEND OUT, AND WILL NOT BE IN ANY WAY RESPONSIBLE FOR THE CROP.

[illegible]

TEAR OFF HERE

(OVER)





## PRICES OF PLANT BANDS

Prices are f.o.b. Sacramento. Please specify method of shipment desired. Rail freight is the cheapest.

Shipments less than 50 lbs. may be sent by express collect.

Please include postage if they are to be sent by parcel post.

500 and 1,000 lots are shipped in original cases. This is the most economical way to buy them.

Band Sizes	Per 100	Per 250	Per 500	Per 1000	Weight Per 1000
1 3/4 x 1 3/4 x 2 1/2	\$ .60	\$1.25	\$2.05	\$3.95	20 lbs.
2 x 2 x 3	.70	1.40	2.30	4.40	25 lbs.
2 1/2 x 2 1/2 x 3	.75	1.50	2.40	4.50	34 lbs.
3 x 3 x 3	.90	1.60	2.75	5.35	38 lbs.
3 x 3 x 4	1.00	2.00	3.50	6.75	45 lbs.
3 x 3 x 6	1.20	2.50	4.65	9.00	70 lbs.
4 x 4 x 3	.95	1.75	3.25	6.25	45 lbs.
4 x 4 x 4	1.00	2.15	4.00	7.50	58 lbs.
4 x 4 x 6	1.50	3.00	5.50	10.50	90 lbs.
6 x 6 x 6	2.25	4.50	8.65	16.75	100 lbs.
6 x 6 x 9	3.60	7.25	14.00	27.50	250 lbs.

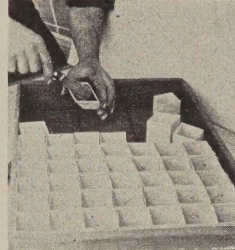
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## Plant Bands With Bottoms

Band Sizes	Per 100	Per 250	Per 500	Per 1000	Weight Per 1000
4 x 4 x 4	\$1.50	\$2.90	\$5.50	\$10.75	70 lbs.
4 x 4 x 6	2.00	4.35	8.50	16.00	100 lbs.
6 x 6 x 4	2.50	5.75	11.00	21.50	160 lbs.
6 x 6 x 6	3.50	7.40	14.50	28.50	180 lbs.
6 x 6 x 9	5.75	11.50	22.00	42.00	360 lbs.

## Trans Plant Bands

The one objection to flat grown bedding plants so largely sold to home gardeners is that frequently half the summer is necessary to reestablish them after digging them up and transplanting. The answer is grow them in



PLANTS MATURE  
WEEKS EARLIER

## Wooden Plant Bands



TIME SAVED  
IN WATERING

Plants growing in bands will require only half the watering of those grown in round or cone-shaped pots. Remember! Square bands and pots have nearly twice the cubic capacity of round pots of same diameter. Order next size smaller band than the round pot you generally use.

## GENERAL DIRECTIONS TO CUSTOMERS

Office: 721-723 J St., Sacramento, Calif., January, 1942.

We respectfully call the attention of our customers to the following directions, which will, if followed, be an aid to purchasers as well as ourselves.

**FORWARDING**—We deliver free, in the United States and possessions, and Mexico, by Parcel Post or Express to any express sent us.

office at our option, all Vegetable and Flower Seeds by the packet, ounce and 1/4 pound, unless otherwise noted.

**We do not deliver free** any plants, trees, roots or nursery stock, nor any bulbs, nor any insecticides, tools, implements, etc., **unless these articles are priced as postpaid.**

**ZONE RATES**—May be had by application to your postmaster who will tell you which zone you are in with reference to Sacramento.

### DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions

		First Pound or Fraction
FIRST ZONE	Sacramento and within 50 miles of Sacramento	8 cts.
SECOND ZONE	Within 50 to 150 miles of Sacramento	8 cts.
THIRD ZONE	Within 150 to 300 miles of Sacramento	9 cts.
FOURTH ZONE	Within 300 to 600 miles of Sacramento	10 cts.
FIFTH ZONE	Within 600 to 1000 miles of Sacramento	11 cts.
SIXTH ZONE	Within 1000 to 1400 miles of Sacramento	12 cts.
SEVENTH ZONE	Within 1400 to 1800 miles of Sacramento	14 cts.
EIGHTH ZONE	All over 1800 miles of Sacramento	15 cts.

**YOUR NAME AND ADDRESS**—Be very sure that your name and address in full are written very plainly on every order or letter sent us.

**CASH WITH ORDER**—The proper way is to send remittance in full to cover order and postage. We send orders C. O. D. only if 25% of the amount of order is enclosed. **Plants we never send C. O. D.**

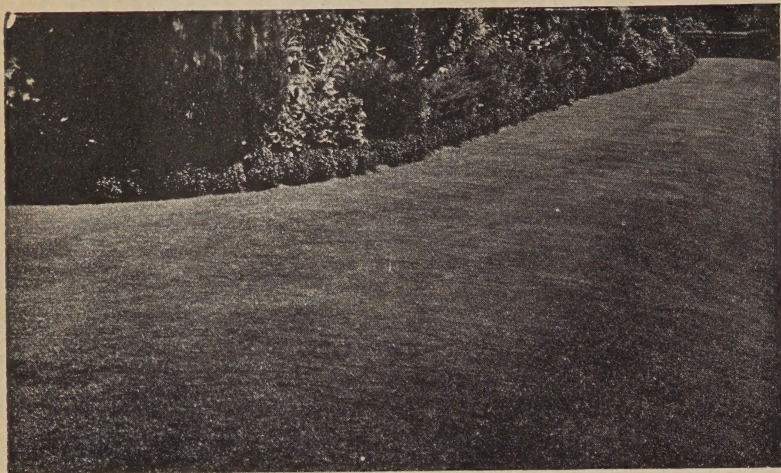
**REMITTANCES** should be made by Post Office Money Order, Express Money Order, or by Bank Draft on Sacramento. For amounts up to one dollar, clean, unused postage stamps will be accepted. Coin should not be sent by mail. Checks on local banks

may be sent, which will be a great convenience to many customers.

**NON-WARRANTY**—Most of the failures with seeds, plants and bulbs are due to causes beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which render it impossible for us to guarantee success. Although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality, or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.



# LAGO BRAND LAWN GRASS SEED



## Lawn Grass Prepaid to Fourth Zone

### LAGOMARSINO'S LAWN MIXTURE

—A mixture of several deep green grasses blended so that they remain green from early spring until late autumn. It makes a beautiful turf of dark green color and stands hard usage. We especially recommend this grass for those desiring beautiful lawns. **Lb. 60c; 5 lbs. \$2.75; 10 lbs. \$5.25.**

**KENTUCKY BLUE GRASS**—Makes an excellent lawn of a dark green color. It forms a fine mat, with care and water makes one of the best lawns. **Lb. 50c; 5 lbs. \$2.35; 10 lbs. \$4.50.**

### LAGOMARSINO'S SHADY LAWN MIXTURE

—This grass is especially adapted for growing in very shady places or near buildings where other grasses will not grow. If you have a shady, barren place, try our Shady Lawn Mixture. **Lb. 70c; 5 lbs. \$3.25; 10 lbs. \$6.00.**

**WHITE DUTCH CLOVER**—A dwarf growing clover, especially adapted for lawns, either alone or in mixture with other grasses. **Lb. \$1.25; 5 lbs. \$5.75; 10 lbs. \$11.00.**

**GOLDEN STATE LAWN MIXTURE**—This is a standard popular mixture of quality seed for all general lawn purposes. **Lb. 45c; 5 lbs. \$2.00; 10 lbs. \$3.75.**

**CREeping BENT (Seaside Bent)**—Also called Coos County Bent. This is a true Creeping Bent, stoloniferous in habit and when once established spreads rapidly and makes a strong enduring turf. Sow 1 lb. to 500 square feet. **Certified seed, lb. \$1.50; 10 lbs., \$1.25 per lb.**

**BERMUDA GRASS**—Thrives in the hottest and driest weather. Well adapted for holding embankments, etc. **Lb. 60c; 5 lbs. \$2.75; 10 lbs. \$5.25.** In some cases used for lawns.

**ASTORIA BENT**—A comparatively new and distinct kind of grass; seldom produces stolons but spreads from underground root stalks; produces splendid turf. Owing to its root habit it has a wider range of adaptability. **Certified seed, lb. \$1.50; 10 lbs., \$1.25 per lb.**

**CHEWING FESCUE**—Used extensively on putting greens, fairways and tees on golf courses, and does well even under poor conditions. Forms a close turf that prevents ingress of weeds, is permanent in all kinds of soils, even the highest and driest. Also good for shady locations. **Lb. 75c; 5 lbs. \$3.50.**

## PEAT MOSS

An excellent material for many purposes—such as mulching, covering of seed beds, for applying in flower beds, etc., to keep soil from baking and also for loosening heavy soils. One bale covers 360 square feet 1 inch deep. **\$4.00, f.o.b. Sacramento.** Price subject to change.



# BEARMOR

A COMPLETE PLANT FOOD

for  
**LAWNS  
and  
GARDENS**

"THE BEST FOR THE WEST"  
**F. LAGOMARSINO & SONS  
SEEDSMEN  
SACRAMENTO, CALIFORNIA**

The All-Purpose Complete Plant Food Bearmor contains all of the essential elements for plant growth that are so often deficient in the soil, and which are necessary for proper development.

Bearmor applied to lawns several times a year will help maintain a strong, healthy, long-lived growth. Especially valuable for new lawns. All prices f.o.b. Sacramento.

2-lb. package	.....\$0.25
10-lb. bag	......70
25-lb. bag	.....1.40
50-lb. bag	.....2.25
100-lb. bag	.....3.50

## RHO-ZA-LIA

The Essential Plant Food for Azaleas,  
Camellias and Rhododendrons



For Rhododendrons, Azaleas, Camellias, Daphnes, Gardenias, etc., an acid soil reaction is an absolute necessity for luxuriant growth. This is brought about by applying acid reacting chemicals to the soil around the plants several times during the growing season.

RHO-ZA-LIA is a specially prepared food based on an expert formula by eminent plant physiologist, to bring about this required condition in our California soils for the proper growth of such plants.

2-lb. pkgs. 25c. 5-lb. pkg. 45c.

F. O. B. SACRAMENTO

## NUTRIO

THE NATURAL HUMUS  
AND PLANT FOOD

Nutrio is a scientifically prepared humus and plant food. It is now possible with Nutrio to not only add humus to your garden soils but Nutrio also contains valuable plant food and other valuable minerals. Use Nutrio liberally at the rate of one bag to 200 square feet (10x20) in your flower beds, new lawns, etc., and your soil will become mellow and your plants will respond in a surprising manner.

Use Nutrio to supply humus and build up your soil as well as feed your plants. Easy to apply—does not burn. Complete directions with each bag.

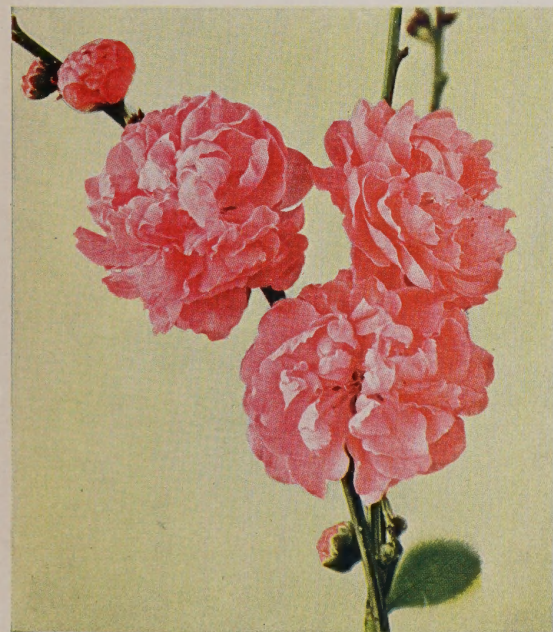
Medium size bag, 50c; large garden size bag \$1.00; 5 bags \$4.50, f.o.b. Sacramento.





**FUCHSIA, San Francisco (New)**—Introduced last year as one of the finest of many hundreds of new seedlings by a prominent Bay Region fuchsia hybridist. Single corolla of geranium red. Thick tube and long sepals of carmine rose, of remarkable substance and translucency, with a glossy appearance. Absolutely distinct in every way, with quality, freedom of bloom, exceptional foliage, and clarity of color. An outstanding hanging pot variety. 3-inch pot size, 35c each, 3 for \$1.00, postage extra.

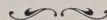
**AZALEA, Albert & Elizabeth**—Azaleas truly reflect the spirit of spring. The Indica azaleas with their large 3-inch or wider flowers in delightful shades have been so much in demand of late. Albert and Elizabeth shown above is a delightful and popular form with pale pink flowers flushed with deeper pink. In 4-inch pots, 50c each, 3 for \$1.35; postage extra.



**FLOWERING PEACH, Helen Borchers**—Everyone who has seen this new variety are lavish in their praise of it, claiming it surpasses all other flowering peaches. Not only does it produce enormous flowers up to 2½ inches across, but it yields them in extreme profusion. Color is clear shell pink. Trees 4 to 5 feet high, \$1.50 each, postage extra.



## 1942's Hit Parade of Finest New Plant Materials



**HYDRANGEA, Trophy**—A new importation of the old Hydrangea family and one that has a particularly outstanding color—a good clear light pink, different from the old type pink to which we have so long been accustomed. Gigantic bloom clusters. Grows into a good compact proportioned shrub of about 6 feet in height. In gallon containers, 75c each, postage extra.





# 1942 GARDEN GUIDE



**TOMATO, Improved Pearson.** Best for California. Pkt. 10c, 1 oz. \$1.00, 1/4 lb. \$3.50.

**LETTUCE, New York Market Improved.** Widely used popular variety. Pkt. 10c, 1 oz. 20c, 1/4 lb. 65c.

**BET, Detroit Dark Red.** Tender, high quality beet. Pkt. 10c, 1 oz. 25c, 1/4 lb. 65c.



## HELP UNCLE SAM Have a Defense Garden

### FOOD FROM HOME GARDENS VITAL IN NATIONAL DEFENSE

Defense gardens—producing at home the vital protective foods consumed by the owners—have now become a national necessity. In the critical times ahead every garden owner who grows his family's food will be of real service to his country. He will:

- ★ Profit by offsetting to a considerable extent the rising cost of living. Disappearance of all surpluses, and higher prices for fresh vegetables are considered a certainty by defense authorities.
- ★ By taking his own requirements off the market, he will release supplies and help keep down prices for those who cannot grow their own food.
- ★ Help his country escape production shortages and distribution tie-ups. The production of one garden is small, but the 5,000,000 gardens of 1917-19 produced 528,000,000 pounds of food, which required no transportation, no market space, or sales effort. Harvested at the kitchen door, it was consumed by those who grew it.
- ★ Cooperate in feeding Europe. Our country has agreed in 1942 to furnish one-fourth of the food supply of Great Britain—enough to feed 10,000,000 people—6 to 8 per cent of our total annual production. At the same time American demand is growing.
- ★ Help in making food supplies available to our huge and well-fed military forces.

### Defense Gardeners — Avoid These Mistakes!

Do not wastefully sacrifice your landscape beauty, or destroy your ornamentals for a defense garden. Utilize space which is now either wasted or little developed. Harmonize plantings of vegetables and flowers and satisfying results will be brought about.

**F. LAGOMARSINO & SONS**  
721 J. STREET - SACRAMENTO, CALIFORNIA

